

**IN THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH AT NEW DELHI**

ORIGINAL APPLICATION No.728 of 2023

IN THE MATTER OF:

**IN RE: NEWS ITEM APPEARING IN HINDUSTAN DATED 30.11.2023
TITLED "ARSENIC FOUND IN GROUND WATER IN 25 STATES,
FLOURIDE IN 27 STATES GOVT"**

.....PETITIONER

VERSUS

STATE OF ANDHRA PRADESH & OTHERS

.....RESPONDENTS

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It is certified that all the documents contained in the above annexure are true copies.

Place: Vijayawada

Date: 29.03.2024



Principal Secretary to Government
Panchayat Raj and
Rural Development Department
A.P. Secretariat, Velagapudi,
AMARAVATI - 522 238.

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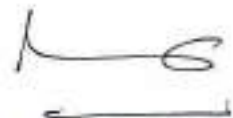
COMPLIANCE REPORT AS PER ORDER DATED: 20.12.2023 BY
THE WAY OF AFFIDAVIT ON BEHALF OF THE RESPONDENT No.01

I, **Sashi Bushan Kumar**, aged 55 years, working as Principal Secretary to Government, Panchayat Raj & Rural development department, Government of Andhra Pradesh having office at Secretariat, Velagapudi, Amaravati, Andhra Pradesh do hereby solemnly affirm and declare as under:-

1. That, I am working as Principal Secretary to Government, Panchayat Raj & Rural development department, Government of Andhra Pradesh. That in my above mentioned official capacity, I am acquainted with the facts and circumstances of the present matter based on record and information made available by the concerned departments, as such I am competent to file the present compliance affidavit on behalf of the respondent no.01 i.e., State of Andhra Pradesh in the above mentioned matter.
2. That, with reference to the Original Application no.728/2023 with regard to Arsenic and Fluoride contamination, this Hon'ble Tribunal was pleased to pass the order dt:20.12.2023 and also issued certain directions. That after hearing the matter on 20.12.2023, this Hon'ble Tribunal was pleased to pass the directions in relation to the State of Andhra Pradesh. Order Dt:20.12.2023 of the Hon'ble Tribunal is annexed herewith as Annexure-2
3. The para 3 and 4 of the order dt: 20.12.2023 observes with regards to arsenic and fluoride levels in the State of Andhra Pradesh.

Table-1: Districts having Arsenic > 0.01 mg/l in Ground Water

S.No.	State	Parts of Districts having As>10ppb (0.01mg/l)	No. of Districts
1	Andhra Pradesh	Ananthapur, East Godavari, Guntur, Krishna, Kurnool, Nellore, Prakasam	7



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Table-2: Districts having localized occurrence of Flouride > 1.5 mg/l, in Ground Water

S.No.	State	Parts of Districts having As>(1.5 mg/l)	No. of Districts
1	Andhra Pradesh	Alluri Sitha Rama Raju, Ananthapur, Annamayya, Bapatla, Chittoor, Guntur, Krishna, Kurnool, NTR, Palandu, Prakasam, Srikakulam, SPSRNellore, Sri Balaji (Tirupati), Sri Satya Sai, Visakhapatnam, Vizianagaram, West Godavari, YSR Kadapa	19

4. That, in para 6 of the order dt:20.12.2023 the Hon'ble tribunal observes "We may also notice at this stage that the problem of contamination of ground water due to Arsenic in the context of certain districts of State of UP and some other states like Assam, Bihar, Jharkhand, Karnataka, West Bengal was considered by this tribunal in O.A.No.728/2023, Mrs. Sunita Pandey &Anr. Vs Union Of India & Ors & while disposing of the matter finally vide judgment dated 01.02.2021, the Tribunal directed as under:-

"16. In view of the above, let further steps in the matter be taken by the concerned states which may be monitored by the MoJS at the National Level and the chief Secretaries of the concerned states, particularly in West Bengal & Punjab. The Chief Secretary, UP may sort out inter departmental responsibilities and ensure compliance with regard to dismantling of Hand pumps in Arsenic affected habitations, along with action on other recommendations of the over sight committee. The CGWA, the CPCB and

concerned state PCBs / PCCs may monitor water quality in the affected areas and compile the relevant data and place on a common portal for future reference and remedial action.

Due attention may be given to cover other geogenic contaminants like fluoride, nitrite and other contaminants harmful to human and animal health as well as for irrigation. CPCB and SPCBs /PCCs may give emphasis to remediate identified contaminated sites having potential threats to ground water contamination as directed vide order dated: 29.01.2021 in O.A No.804/2018, Rajive Narayan &Anr. vs. Union of India & Ors.

MoJS may, in contaminated areas where there is geogenic contamination, explore possibility of rain water harvesting systems for recharging and dilution of the contaminated water and also avoid in excessive abstraction of ground water, so that building of contaminants does not take place".

REPORT BY STATE OF ANDHRA PRADESH

5. That in compliance with afore said observations by the Hon'ble National Green Tribunal (NGT) has registered vide Original application No. 728/2023, Dt: 30/11/2023 of National Green Tribunal., New Delhi exercising *suomoto* jurisdiction based on the Newspaper report published in Business Standard under the heading "Arsenic found in ground water in 25 states and Fluoride in 27 states.



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6. In response, the Central Ground Water Authority (CGWA) has submitted a report to NGT, vide Report on behalf of Central Ground Water Authority on O.A. No. 728/2023, before Hon'ble National Green Tribunal Principal bench, New Delhi, where in, presence of Arsenic in various districts of 25 states and Fluoride in various districts of 27 states is admitted.

In its report, the CGWA submitted to the NGT that,

A) The ground water sources in seven districts of Andhra Pradesh

(viz., Anantapur, East Godavari, Guntur, Krishna, Kurnool, Nellore and Prakasam) have Arsenic levels greater than 0.01 mg./L.

Arsenic is a naturally occurring trace element found in rocks, soils and the water in contact with them. Arsenic has been recognized as toxic element and is considered a human health hazard. The maximum permissible limit of arsenic for drinking water purpose is 0.01mg/L at present. The Permissible limit of Arsenic in Drinking Water was revised from 0.05mg./L to 0.01 mg./L by Bureau of Indian Standards(BIS) in the year 2015 (Copy enclosed).

Arsenic hot spots in India:

- The occurrence of Arsenic in ground water, in excess to the permissible limit of 0.01 mg./L is being found in Ganges-Brahmaputra alluvial plains in India, covering seven states Viz., *West Bengal, Jharkhand, Bihar, Uttar Pradesh in flood plains of Gangariver, Assam, and Manipur in the flood plain of Brahmaputrariver and Imphal rivers and Rajnandgaon of Chhatisgarh.*
- The occurrence of Arsenic in ground water is mainly in the aquifers up to 100 m depth only and the deeper aquifers are free from Arsenic contamination.
- In West Bengal and Uttar Pradesh Arsenic exists in the alluvial formations whereas in the state of Chattisgarh, it exists in the volcanic rocks.

Vide F.No.1/PA/RD/GK/CGWB/SR/2023-24-133,Dt: 23/01/2024 from the Regional Director, CGWB, Southern Region, Hyderabad, the Regional Director, Central Ground Water Board, Southern region, Hyderabad has informed that, out of **588 ground water samples** analyzed from the National Hydrograph network monitoring stations and exploratory wells of CGWB during the year 2019, Arsenic was found more than the permissible limit (i.e., 0.01 mg./L) in **23 samples (3.87%)**only in parts of erstwhile Anantapur, East Godavari, Guntur, Krishna, Kurnool, Nellore, Prakasam Districts of Andhra Pradesh.



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The details are as follows:

S. No	District	Mandal	Village/ Location	Type of Well	Depth of Well (m bgl)	Arsenic (>0.01 mg/l)	Geology	Basin/ Sub basin
1	Ananthapur	Atmakur	Waddipalli	DW	11.05	0.0162	BGC	Pennar Basin
2	East Godavari	I. polavaram	Komaragiri	DW	12	0.0143	Alluvium	Godavari Basin
3	East Godavari	Mamidikuduru	Appanapalle	DW	10	0.0184	Alluvium	Godavari Basin
4	East Godavari	P. Gannavaram	Munganda	PZ	70	0.0179	Alluvium	Godavari Basin
5	East Godavari	Rampachodavram	Selkavedhi	DW	11	0.0129	Khondalite	Godavari Basin
6	Guntur	Bapatla	CheruvuJampalapalem	DW	8	0.0248	Alluvium	Krishna Basin
7	Guntur	Battiprolu	Bhattiprolu	DW	10	0.0106	Alluvium	Krishna Basin
8	Guntur	Cherukupalle	Punnapalle	DW	10	0.035	Alluvium	Krishna Basin
9	Guntur	Karlapalem	Motupalem	DW	11	0.034	Alluvium	Krishna Basin
10	Guntur	Machavaram	Murjampadu	DW	13.65	0.0228	Limestone	Krishna Basin

S. No	District	Mandal	Village/ Location	Type of Well	Dep th of Wel l (m bgl)	Arseni c (>0.01 mg/l)	Geol ogy	Basin/ Sub basin
11	Guntur	Narsaraop et	Jonnalagadda	DW	8.3	0.0211	BGC	Krishna Basin
12	Guntur	Nizampatn am	Pallapatla-Dw	DW	11	0.0417	Alluvi um	Krishna Basin
13	Guntur	Pedanandi padu	Varagami	DW	10	0.0126	Alluvi um	Krishna Basin
14	Guntur	Piduguralla	Guttikonda	DW	11	0.0175	Lime stone	Krishna Basin
15	Guntur	Repalle	Repalle	DW	10	0.0175	Alluvi um	Krishna Basin
16	Guntur	Rompicher la	Rompicherla	DW	8.65	0.0124	BGC	Krishna Basin
17	Guntur	Tadikonda	Tadikonda-Dw	DW	11.5 7	0.0218	Char nockit e	Krishna Basin
18	Krishna	Mudinepall e	Upparigudem	DW	10	0.01	Alluvi um	Krishna Basin
19	Krishna	Pedana	Nadupur	DW	11	0.013	Alluvi um	Krishna Basin
20	Kurnool	Adoni	Gulyam	DW	9	0.0388	BGC	Krishna Basin
21	Nellore	Atmakur	KastamPahad	DW	8.35	0.0519	Schis t	Pennar Basin
22	Prakasam	Chirala	Vadarevu	DW	11	0.0137	Alluvi um	Gundlaka mma
23	Prakasam	Kurichedu	Vengaiahpale m	DW	8.21	0.0104	Schis t	Gundlaka mma

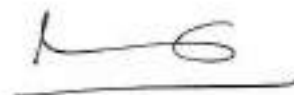
➤ **BGC:** Banded Gneissic Complex, **DW:** Dug well, **PZ:** Piezometer, **EW:** Exploratory well,

All the above said ground water samples, in which Arsenic was found at the border levels of permissible limit of 0.01mg/L were collected from the National Hydrograph network monitoring stations and exploratory wells/dug wells (< 11 meters below ground level) mainly in Alluvium soils and not from the drinking water sources in the villages.

The Arsenic Concentration more than permissible limits in the above mentioned 7 districts is sporadic in nature and observed only in 23 water samples (3.87%). The reasons for high Arsenic content in these ground water samples is not geogenic in nature but can mainly be attributed to application of phosphate fertilizers and pesticides and poor drainage conditions of soils. Here it is worth mentioning that, in all the samples analyzed in the drinking water sources in rural habitations of this state, the concentration of Arsenic remains within 0.01 mg/L i.e., permissible limit of BIS, which indicates that the situation is not alarming.

Further, it is pertinent to mention that, the Rural Water Supply & Sanitation Department, Govt. of Andhra Pradesh is providing safe drinking water to all the above said rural habitations through Single village schemes. All the drinking water sources of SVS and MVS schemes in these habitations are Deep tube wells in which the Arsenic concentration in ground water is less than the permissible limit of 0.01 mg/L.

The RWS&S Department has tested all the ground water sources in all the said habitations and found that Arsenic levels in all the sources are within the permissible limit. Test results of the Arsenic in all the



drinking water sources in the above said habitations are enclosed in **Annexure A.**

B. The ground water sources in Nineteen districts in Andhra Pradesh (viz., 1. Alluri Seetharama Raju, 2. Anantapur, 3. Annamayya, 4. Bapatla, 5. Chittoor, 6. Guntur, 7. Krishna, 8. Kurnool, 9. NTR District, 10. Palnadu, 11. Prakasham, 12. Srikakulam, 13. SPS Nellore, 14. Sri Balaji District, 15. Sri Satyasai District, 16. Visakhapatnam, 17. Vizianagaram 18. West Godavari, 19. YSR Kadapa) have Fluoride levels greater than 1.5 mg./L

Vide F.No.1/PA/RD/GK/CGWB/SR/2023-24-133, Dt: 23/01/2024 from the Regional Director, CGWB, Southern Region, Hyderabad, the Regional Director, Central Ground Water Board, Southern region, Hyderabad has informed that, out of **940 ground water samples** analyzed from the National Hydrograph network monitoring stations and exploratory wells of CGWB during the year 2022, Fluoride Arsenic was found more than the permissible limit (i.e., 1.50 mg./L) in **92 samples (9.7%)** only in parts of 1. Alluri Seetharama Raju, 2. Anantapur, 3. Annamayya, 4. Bapatla, 5. Chittoor, 6. Guntur, 7. Krishna, 8. Kurnool, 9. NTR District, 10. Palnadu, 11. Prakasham, 12. Srikakulam, 13. SPS Nellore, 14. Sri Balaji District, 15. Sri Satyasai Districts of Andhra Pradesh.

The details are,



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S.N o.	District	Mandal	Village/Loc ation	Typ e of Well	Depth of Well (m bgl)	F ⁻ (> 1.5mg/ l)
1	Anakapalli	Madugula	Kothakota	DW	8.1	2.54
2	Ananthapuramu	Beluguppa	Viruppalli	PZ	200	4.8
3	Ananthapuramu	Bukkaraya Samudram	Korrapadu	DW	9.91	1.98
4	Ananthapuramu	Gooty	Gooty	EW	200	2.11
5	Ananthapuramu	Kalyandurg	Kalyandurg	DW	18.4	2.6
6	Annamayya	Chinnamande m	Chinnamand yam	PZ	30.55	2.07
7	Alluri Sitaramaraju	G Madugula	Rolugunta	DW	11	4.39
8	Alluri Sitaramaraju	Gangavaram2	Jaderu	DW	8.4	2.34
9	Alluri Sitaramaraju	Hukumpeta	Vontlamami di	DW	11	1.72
10	Alluri Sitaramaraju	Rampachod avaram	Folkspeta	DW	12	2.36
11	Alluri Sitaramaraju	Rampachoda varam	Sitapalli	DW	12	1.733
12	Bapatla	Addanki	Addanki	PZ	70	3
13	Bapatla	Karamchedu	Daggupadu	DW	10	2.2
14	East Godavari	Gopalapuram	Chityala	DW	20	1.79
15	Eluru	Lingapalem	Dharmajigud em	DW	10.22	3.36
16	Krishna	Bapulapadu	Rangannagu dem	EW	300	2
17	Kurnool	Adoni	Doddanaker e	DW	9.5	1.55
18	Kurnool	Adoni	Naganathan ahalli	DW	9.05	4.14
19	Kurnool	Halaharvi	Bapuram	PZ	20.4	4.89
20	Kurnool	Halaharvi	Gulyan	DW	9	2.64
21	Kurnool	Holagunda	Sullavai	DW	16.9	2.31
22	Kurnool	Kowthalam	Bapuram	PZ	12.5	1.7

S.N o.	District	Mandal	Village/Loc ation	Typ e of Well	Depth of Well (m bgl)	F- (> 1.5mg/ l)
23	Kurnool	Orvakal	Orvakallu	DW	12	1.56
24	NTR	A.Konduru	A Konduru	DW	10	2
25	NTR	Tiruvuru	Kakarla	DW	12.3	2
26	NTR	Vatsavai	Makkapeta	DW	9.68	2
27	NTR	Veerullapadu	Jagannathap uram	DW	11	3
28	P Manyam	Garugubilli	Kokadavalas a	DW	9	2.88
29	Palnadu	Durgi	Durgi	PZ	36.1	1.636
30	Palnadu	Ipur	A. Muppalla	DW	10	1.535
31	Palnadu	Krosuru	Pisapadu	DW	8.8	2.673
32	Palnadu	Machavaram	Murjampadu	DW	13.65	1.803
33	Palnadu	Piduguralla	Thummalach eruvu	DW	11.5	2.04
34	Palnadu	Rompicherla2	Rompicherla	DW	8.65	2.913
35	Palnadu	Rompicherla2	Rompicherla	PZ	38	1.918
36	Palnadu	Rompicherla2	Santagudipa du	DW	8.53	2.964
37	Palnadu	Vinukonda	Gonuguntla Varipalem	DW	12	1.899
38	Palnadu	Yerragonda palem	PichalaVenk atapura	PZ	100	1.9
39	Prakasam	Ardhaveedu	Velagalapay a	PZ	200	2
40	Prakasam	Donakonda	P Venkatapura m	PZ	100	4.71
41	Prakasam	Donakonda	Rudrasamud ram	PZ	31.75	2.12
42	Prakasam	Giddalur	Mundlapadu	PZ	100	2.26
43	Prakasam	H M Padu	Thimmaredd ypalli	PZ	100	3.27

S.N o.	District	Mandal	Village/Loc ation	Typ e of Well	Depth of Well (m bgl)	F- (> 1.5mg/ l)
44	Prakasam	Hanumanthun i padu	Nandanavan am	PZ	100	2.5
45	Prakasam	Konakanimitla	Choutapalli	PZ	100	1.55
46	Prakasam	Kondepi	Kondepi	PZ	100	3.76
47	Prakasam	Kurichedu	Vengaiahpal em	DW	8.21	2.18
48	Prakasam	Markapur	Gajjalakond a	PZ	100	1.7
49	Prakasam	Marripudi	Juvvigunta	PZ	100	4.98
50	Prakasam	Mundlamuru	Umamahes warapuram	PZ	100	6.03
51	Prakasam	P C Palli	GuntuPalle	PZ	100	2.68
52	Prakasam	Podili	Katurivaripal em	PZ	100	3.49
53	Prakasam	Podili	Oneguruvaip alem	DW	12.1	2.69
54	Prakasam	Podili	Uppalapadu	PZ	6.45	2.13
55	Prakasam	Ponnaluru	Malepadu	PZ	100	2
56	Prakasam	Ponnaluru	Venkupalem	DW	13.1	1.8
57	Prakasam	Racherla	Ankireddypal le	PZ	200	1.8
58	Prakasam	Tarlupadu	Thummalach eruvu	PZ	11.5	2.3
59	Prakasam	Tripurantaka m	Dhupadu	PZ	100	1.67
60	Prakasam	Tripuranthaka m	Guttalaumad ivrm	DW	10.3	2
61	Prakasam	Veligandla	Kanigiri	PZ	50	3
62	SPSR Nellore	Chejerla	Nagulavellat uru	DW	13.5	1.61

S.N o.	District	Mandal	Village/Loc ation	Typ e of Well	Depth of Well (m bgl)	F- (> 1.5mg/ l)
63	Sri Sathya Sai	Amadagur	Mohammad abad	EW	200	2.96
64	Sri Sathya Sai	Bukkapatnam	Nayanivarip alli	PZ	200	3.18
65	Sri Sathya Sai	Chennekotha palle	ChennaKoth apalli - Pz	PZ	27.6	2.2
66	Sri Sathya Sai	Chilamatur	Cheruvukind aPalli	PZ	200	2.7
67	Sri Sathya Sai	Gorantla	Kammavand lapalli	EW	200	1.6
68	Sri Sathya Sai	Gorantla	KasireddyPa lli	EW	200	2.32
69	Sri Sathya Sai	Kadiri	Alampur	DW	14.63	3.7
70	Sri Sathya Sai	Kadiri	Santamagul uru	PZ	70	4
71	Sri Sathya Sai	Madakasira	Kothulagutta	DW	10.5	2.88
72	Sri Sathya Sai	Madakasira	Madakasira	DW	22.2	2.2
73	Sri Sathya Sai	Mudigubba	Malakavemu la	DW	11.83	2
74	Sri Sathya Sai	Nallacheruvu	Malreddypall i	PZ	200	2.7
75	Sri Sathya Sai	Nallamada	Kambalapart hi	DW	12	2.6
76	Sri Sathya Sai	NP Kunta	Mekalacheru vu	PZ	200	2.9
77	Sri Sathya Sai	Obuladevara cheruvu	Tangdikunta	DW	10.8	2.3
78	Sri Sathya Sai	Penukonda	Asvattaraya na Roppam, EW of Aq-I (1st well)	PZ	30.9	3.55

S.N o.	District	Mandal	Village/Loc ation	Typ e of Well	Depth of Well (m bgl)	F- (> 1.5mg/ l)
79	Sri Sathya Sai	Somendepalli	Gudipalli	PZ	200	2.3
80	Sri Sathya Sai	Talupula	Talupula	EW	200	1.82
81	Sri Sathya Sai	Tanakal	Korthikota	EW	200	1.7
82	Srikakulam	Jalumuru	Ponduru	DW	8.2	2.4
83	Tirupati	Pakala	Valiveedu	PZ	100	1.87
84	Tirupati	Vakadu	Aravapalem	DW	8.83	1.73
85	Vizianagaram	Kothavalasa	Kothavalasa	PZ	200	1.8
86	Vizianagaram	Therlam	Kolivalasa	DW	11.3	2.5
87	West Godavari	Bhimavaram	Narsimhapur am	DW	10	1.8
88	Y.S.R Kadapa	B.G Matam	Mallegudupa du	PZ	34	2.56
89	Y.S.R Kadapa	Brahmamgari mattam	Chowkpalli	DW	12.7	2.23
90	Y.S.R Kadapa	Brahmamgari mattam	Mallepalle	DW	13.5	1.51
91	Y.S.R Kadapa	Brahmamgari mattam	Vbmatham	DW	17.78	1.68
92	Y.S.R Kadapa	Duvvur	Kanagudur	DW	10	1.53

The Rural Water Supply & Sanitation Department, Govt. of Andhra Pradesh is providing safe drinking water (Fluoride contamination free) to the all the above said rural habitations through Single village/ Multi village schemes. All the drinking water sources of SVS and MVS schemes in these habitations, the fluoride concentration in ground water is less than the permissible limits (<1.5 mg./L). The Test results of the Fluoride in all the drinking water sources in the above said habitations are enclosed in **Annexure B**.

The Department has notified the ground water sources in which the fluoride levels are more than the permissible limits, as **"Not fit for drinking purpose"** with red paint and created awareness among the local public to use the water for other purposes and not for drinking.

7. It is further submitted that, Andhra Pradesh State is having 112 Water testing laboratories functioning under the Rural Water Supply & Sanitation Department and monitoring the quality (both chemical & Bacteriological) of all the drinking water sources (including schools and Anganwadi centers) in the villages. In all these water testing laboratories, 13 water quality parameters (viz., 1. pH, 2. Colour, 3. Total Dissolved solids, 4. Turbidity, 5. Total alkalinity, 6. Total Hardness, 7. Fluoride, 8. Chloride, 9. Nitrate, 10. Iron, 11. Sulfate 12. Total coliform bacteria and 13. E. coliform or thermo tolerant coliform bacteria) are being periodically tested and reported in the Web portal of National Jal Jeevan Mission, Department of Drinking Water & Sanitation, Ministry of Jal Shakti, Govt. of India.
8. In addition to these water testing laboratories, four specialized water testing laboratories are functioning at Eluru & Palakollu of erstwhile West Godavari district and Kakinada & Rajamahendravaram of erstwhile East Godavari district with advanced testing facilities for monitoring the toxic elements and Pesticide residues in drinking water sources.



9. Out of 112 Water Testing laboratories, one state Level Water Testing Laboratory and 12 district level water Testing Laboratories are NABL (National Accreditation Board for Testing & Calibration laboratories) Accredited.
10. Further, all the water supply sources (100%) in the state were tested in the respective jurisdiction of Water Quality Monitoring (WQM) laboratories once a year for Chemical parameters and twice in a year for bacteriological parameters (i.e., Pre monsoon & post monsoon) in accordance with the instructions issued at para 10.1 of Operational guidelines for the implementation of Jal Jeevan Mission (JJM) programme of Government of India Government of India.

Deponent

Principal Secretary to Government
Panchayat Raj and
Rural Development Department
A.P. Secretariat, Velagapudi,
AMARAVATI - 522 238.

VERIFICATION

I, Sashi Bushan Kumar, aged 55 years, working as Principal Secretary to Government, Panchayat Raj & Rural development Department, Government of Andhra Pradesh do hereby verify that the contents of paras of counter affidavit are based on record and information's are true to the best of my knowledge and belief.

Hence, verified on the 29th day of March 2024 in Vijayawada.

Deponent

Principal Secretary to Government
Panchayat Raj and
Rural Development Department
A.P. Secretariat, Velagapudi,
AMARAVATI - 522 238.

Annexure - A.							
Test Results of Arsenic in the water sources of Habitations reported in the OA No.728/2023							
Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation)	Remarks
1	Krishna	Pedana	Nadupuru	PWS Head works	PWS	0.005	Potable
2	Krishna	Pedana	Nadupuru	Head works	CPWS	0.004	Potable
3	Krishna	Pedana	Nadupuru	At fields	OW	0.001	Potable
4	Krishna	Pedana	Nadupuru	Road side	OW	0.001	Potable
5	Guntur	Tadikonda	Tadikonda	Fransisi House	Hand Pump	0.002	Potable
6	Guntur	Tadikonda	Tadikonda	Community hall	Hand Pump	0.001	Potable
7	Guntur	Tadikonda	Tadikonda	M.P.P.School	Hand Pump	0.001	Potable
8	Guntur	Tadikonda	Tadikonda	Garuvu(B.C)	Hand Pump	0.001	Potable
9	Guntur	Tadikonda	Tadikonda	Church	Hand Pump	0.001	Potable
10	Guntur	Tadikonda	Tadikonda	Near hill	Hand Pump	0.005	Potable
11	Guntur	Tadikonda	Tadikonda	BC Colony(Narasimha swamy)	Hand Pump	0.001	Potable
12	Guntur	Tadikonda	Tadikonda	ST Colony School	Hand Pump	0.000	Potable
13	Guntur	Tadikonda	Tadikonda	B.C.Colony - 1	Hand Pump	0.004	Potable
14	Guntur	Tadikonda	Tadikonda	B.C.Colony - 2	Hand Pump	0.000	Potable
15	Guntur	Tadikonda	Tadikonda	Paranthallamma	Hand Pump	0.001	Potable
16	Guntur	Tadikonda	Tadikonda	Masjid	Hand Pump	0.005	Potable
17	Guntur	Tadikonda	Tadikonda	Apparao house	Hand Pump	0.005	Potable
18	Guntur	Tadikonda	Tadikonda	H.W.School	Hand Pump	0.000	Potable
19	Guntur	Tadikonda	Tadikonda	A.P.R.School	Hand Pump	0.004	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
20	Guntur	Tadikonda	Tadikonda	A.P.R.School	Hand Pump	0.001	Potable
21	Guntur	Tadikonda	Tadikonda	Y.Muthangaiah House	Hand Pump	0.001	Potable
22	Guntur	Tadikonda	Tadikonda	Galaiah House	Hand Pump	0.000	Potable
23	Guntur	Tadikonda	Tadikonda	Reddys Street	Hand Pump	0.003	Potable
24	Guntur	Tadikonda	Tadikonda	Jayabharath Colony	Hand Pump	0.001	Potable
25	Guntur	Tadikonda	Tadikonda	Jayabharath Colony	Hand Pump	0.000	Potable
26	Guntur	Tadikonda	Tadikonda	Sankara rao house	Hand Pump	0.001	Potable
27	Guntur	Tadikonda	Tadikonda	Chenchu Colony - 1	Hand Pump	0.001	Potable
28	Guntur	Tadikonda	Tadikonda	Chenchu Colony - 2	Hand Pump	0.000	Potable
29	Guntur	Tadikonda	Tadikonda	Chenchu Colony - 3	Hand Pump	0.006	Potable
30	Guntur	Tadikonda	Tadikonda	President house	Hand Pump	0.005	Potable
31	Guntur	Tadikonda	Tadikonda	Bug Masjid	Hand Pump	0.000	Potable
32	Guntur	Tadikonda	Tadikonda	Urdu School	Hand Pump	0.003	Potable
33	Guntur	Tadikonda	Tadikonda	Ammeen House	Hand Pump	0.000	Potable
34	Guntur	Pedanandi Padu	Varagani	Near A.B.Palem Village	CPWS	0.0030	Potable
35	Guntur	Pedanandi Padu	Varagani	At Dw Tank	PWS	0.0031	Potable
36	Guntur	Pedanandi Padu	Varagani	Near Ss Tank	PWS	0.0031	Potable
37	Guntur	Pedanandi Padu	Varagani	Near Ohsr	PWS	0.0040	Potable
38	Guntur	Pedanandi Padu	Varagani	Besides Village	PWS	0.0040	Potable
39	Bapatla	Nizampatnam	Chinkapalem	Chinkapalem	PWS	0.007	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
40	Bapatla	Nizampatnam	Chinkapalem	ZPHS School	Shallow Hand Pump	0.000	Potable
41	Bapatla	Nizampatnam	Koppuruvaripalem	Maseed	Shallow Hand Pump	0.001	Potable
42	Bapatla	Nizampatnam	Muttirajupalem	Ramalayam	Shallow Hand Pump	0.002	Potable
43	Bapatla	Nizampatnam	Pallapatla	Pallapatla	PWS	0.007	Potable
44	Bapatla	Nizampatnam	Pallapatla	Doragari Canal	Shallow Hand Pump	0.001	Potable
45	Bapatla	Nizampatnam	Pallapatla	Gowdapalem	Shallow Hand Pump	0.007	Potable
46	Bapatla	Nizampatnam	Pattavapuripalem	At Gangula Temple	Shallow Hand Pump	0.008	Potable
47	Bapatla	Battiprolu	Addepalli	Near MRO office	Shallow Hand Pump	0.002	Potable
48	Bapatla	Battiprolu	Battiprolu	At PWD Call	PWS	0.001	Potable
49	Bapatla	Battiprolu	Battiprolu	At Anjaneyaswamy Temple	PWS	0.002	Potable
50	Bapatla	Battiprolu	Battiprolu	Near MRO Office	PWS	0.002	Potable
51	Bapatla	Battiprolu	Battiprolu	At OHSR	Shallow Hand Pump	0.002	Potable
52	Bapatla	Battiprolu	Battiprolu	Radham Center	Shallow Hand Pump	0.003	Potable
53	Bapatla	Battiprolu	Battiprolu	At Railway Gate	Shallow Hand Pump	0.003	Potable
54	Bapatla	Battiprolu	Battiprolu	At Bus Stand	Shallow Hand Pump	0.003	Potable
55	Bapatla	Cherukupalli	Ponnappalli	Cheruvu	PWS	0.002	Potable
56	Bapatla	Cherukupalli	Ponnappalli	Bramhamgari Temple	Shallow Hand Pump	0.001	Potable
57	Bapatla	Cherukupalli	Ponnappalli	Market Yard	Shallow Hand Pump	0.002	Potable
58	Bapatla	Cherukupalli	Ponnappalli	G.P. Office	Shallow Hand Pump	0.002	Potable
59	Bapatla	Cherukupalli	Ponnappalli	Masijid	Shallow Hand Pump	0.005	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
60	Bapatla	Cherukupalli	Ponnappalli	Oil Tank	Shallow Hand Pump	0.006	Potable
61	Bapatla	Bapatla	Cheruvu	ZPH School	PWS	0.005	Potable
62	Bapatla	Bapatla	Cheruvu	Head works	PWS	0.005	Potable
63	Bapatla	Bapatla	Jammulapalem	Poondla canal	Shallow Hand Pump	0.004	Potable
64	Bapatla	Bapatla	Jammulapalem	Poleramma temple	Shallow Hand Pump	0.008	Potable
65	Bapatla	Karlapalem	Dhamanavaripalem	Motupalem	Shallow Hand Pump	0.0012	Potable
66	Bapatla	Karlapalem	Dhamanavaripalem	P.Shivareddy	Shallow Hand Pump	0.002	Potable
67	Bapatla	Karlapalem	Dhamanavaripalem	P.Kotaiah (H)	Shallow Hand Pump	0.006	Potable
68	Bapatla	Karlapalem	Dhamanavaripalem	K.Sambhaiah	Shallow Hand Pump	0.005	Potable
69	Bapatla	Karlapalem	Dhamanavaripalem	Y.Sambhaiaha (H)	Shallow Hand Pump	0.006	Potable
70	Bapatla	Karlapalem	Dhamanavaripalem	Elementry School	Shallow Hand Pump	0.003	Potable
71	Bapatla	Karlapalem	Dhamanavaripalem	K.Nageswara rao	Shallow Hand Pump	0.008	Potable
72	Bapatla	Karlapalem	Dhamanavaripalem	M.Bhuchaiah (H)	Shallow Hand Pump	0.003	Potable
73	Palnadu	Narasaraopet	Jonnalagadda	Erukala	Hand Pump	0.003	Potable
74	Palnadu	Narasaraopet	Jonnalagadda	H.W	Hand Pump	0.001	Potable
75	Palnadu	Narasaraopet	Jonnalagadda	Village	Hand Pump	0.001	Potable
76	Palnadu	Narasaraopet	Jonnalagadda	School	Hand Pump	0.001	Potable
77	Palnadu	Narasaraopet	Jonnalagadda	S T Colony	Hand Pump	0.001	Potable
78	Palnadu	Narasaraopet	Jonnalagadda	Krishnarao (H)	Hand Pump	0.001	Potable
79	Palnadu	Narasaraopet	Jonnalagadda	Kammas Street	Hand Pump	0.003	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
80	Palnadu	Narasaraopet	Jonnalagadda	Road side	Hand Pump	0.003	Potable
81	Palnadu	Narasaraopet	Jonnalagadda	Syndicate nagar	Hand Pump	0.001	Potable
82	Palnadu	Narasaraopet	Jonnalagadda	Rice mill	Hand Pump	0.001	Potable
83	Palnadu	Narasaraopet	Jonnalagadda	Kammas Street	Hand Pump	0.003	Potable
84	Palnadu	Narasaraopet	Jonnalagadda	Reddy Bazar	Hand Pump	0.002	Potable
85	Palnadu	Narasaraopet	Jonnalagadda	Rajakas	Hand Pump	0.002	Potable
86	Palnadu	Narasaraopet	Jonnalagadda	H W Colony	Hand Pump	0.000	Potable
87	Palnadu	Narasaraopet	Jonnalagadda	BC Colony	Hand Pump	0.001	Potable
88	Palnadu	Narasaraopet	Jonnalagadda	MPESCHOOL(A.A)	Hand Pump	0.004	Potable
89	Palnadu	Narasaraopet	Jonnalagadda	MPESCHOOL(L.E)	Hand Pump	0.001	Potable
90	Palnadu	Narasaraopet	Jonnalagadda	ST Colony	Hand Pump	0.003	Potable
91	Palnadu	Narasaraopet	Jonnalagadda	Madigapalli	Hand Pump	0.002	Potable
92	Palnadu	Narasaraopet	Jonnalagadda	B.C.Colony	Hand Pump	0.002	Potable
93	Palnadu	Narasaraopet	Jonnalagadda	Syndicate nagar - 2	Hand Pump	0.002	Potable
94	Palnadu	Narasaraopet	Jonnalagadda	Tyadavas	Hand Pump	0.001	Potable
95	Palnadu	Narasaraopet	Jonnalagadda	SC Colony	Hand Pump	0.002	Potable
96	Palnadu	Narasaraopet	Jonnalagadda	SC Colony (Church)	Hand Pump	0.007	Potable
97	Palnadu	Narasaraopet	Jonnalagadda	Syndicate Nagar -2(AMG)	Hand Pump	0.002	Potable
98	Palnadu	Narasaraopet	Jonnalagadda	ST Colony (AMG)	Hand Pump	0.002	Potable
99	Palnadu	Narasaraopet	Jonnalagadda	MPES(LE)	OW	0.003	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
100	Palnadu	Narasaraopet	Jonnalagadda	Jonnalagadda	CPWS	0.004	Potable
101	Palnadu	Rompicherla	Rompicherla	Colony School Back	Hand Pump	0.001	Potable
102	Palnadu	Rompicherla	Rompicherla	Main Road	Hand Pump	0.007	Potable
103	Palnadu	Rompicherla	Rompicherla	Church	Hand Pump	0.001	Potable
104	Palnadu	Rompicherla	Rompicherla	President house	Hand Pump	0.004	Potable
105	Palnadu	Rompicherla	Rompicherla	Rajaka street	Hand Pump	0.001	Potable
106	Palnadu	Rompicherla	Rompicherla	New Housing Colony	Hand Pump	0.004	Potable
107	Palnadu	Rompicherla	Rompicherla	New Housing Colony	Hand Pump	0.001	Potable
108	Palnadu	Rompicherla	Rompicherla	MRO Office	Hand Pump	0.001	Potable
109	Palnadu	Rompicherla	Rompicherla	Bus Stop	Hand Pump	0.002	Potable
110	Palnadu	Rompicherla	Rompicherla	Colony School Back	Hand Pump	0.001	Potable
111	Palnadu	Rompicherla	Rompicherla	Dasula Bazar	Hand Pump	0.001	Potable
112	Palnadu	Rompicherla	Rompicherla	High School	Hand Pump	0.001	Potable
113	Palnadu	Rompicherla	Rompicherla	Colony school east	Hand Pump	0.001	Potable
114	Palnadu	Rompicherla	Rompicherla	Colony School west	Hand Pump	0.001	Potable
115	Palnadu	Rompicherla	Rompicherla	Colony	Hand Pump	0.003	Potable
116	Palnadu	Rompicherla	Rompicherla	Police station	Hand Pump	0.001	Potable
117	Palnadu	Rompicherla	Rompicherla	Near Mdo Office	Hand Pump	0.001	Potable
118	Palnadu	Rompicherla	Rompicherla	Boddurai	Hand Pump	0.001	Potable
119	Palnadu	Rompicherla	Rompicherla	Madigapalli	Hand Pump	0.001	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
120	Palnadu	Rompicherla	Rompicherla	Near Bridge	Hand Pump	0.002	Potable
121	Palnadu	Rompicherla	Rompicherla	Colony Bridze Last	Hand Pump	0.001	Potable
122	Palnadu	Rompicherla	Rompicherla	GP Office	Hand Pump	0.001	Potable
123	Palnadu	Rompicherla	Rompicherla	Toogatla Bazar	Hand Pump	0.001	Potable
124	Palnadu	Rompicherla	Rompicherla	Village	Hand Pump	0.005	Potable
125	Palnadu	Rompicherla	Rompicherla	Village	Hand Pump	0.002	Potable
126	Palnadu	Rompicherla	Rompicherla	Barrial Ground	Hand Pump	0.003	Potable
127	Palnadu	Rompicherla	Rompicherla	K.Kotireddy	Hand Pump	0.001	Potable
128	Palnadu	Rompicherla	Rompicherla	P.L.ingeswararao	Hand Pump	0.001	Potable
129	Palnadu	Rompicherla	Rompicherla	SK.Ameed Saheb	Hand Pump	0.001	Potable
130	Palnadu	Rompicherla	Rompicherla	Rajula house	Hand Pump	0.001	Potable
131	Palnadu	Rompicherla	Rompicherla	Dasula Bazar	Hand Pump	0.001	Potable
132	Palnadu	Rompicherla	Rompicherla	Bus stop	Hand Pump	0.002	Potable
133	Palnadu	Rompicherla	Rompicherla	MRO Office	Hand Pump	0.001	Potable
134	Palnadu	Rompicherla	Rompicherla	MPES(ST)	Hand Pump	0.001	Potable
135	Palnadu	Rompicherla	Rompicherla	MPES(BC)	Hand Pump	0.001	Potable
136	Palnadu	Rompicherla	Rompicherla	Veternary Hospital	Hand Pump	0.002	Potable
137	Palnadu	Rompicherla	Rompicherla	Ricemill	Hand Pump	0.001	Potable
138	Palnadu	Rompicherla	Rompicherla	MPES	Hand Pump	0.001	Potable
139	Palnadu	Rompicherla	Rompicherla	BC Colony	Hand Pump	0.002	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
140	Palnadu	Rompicherla	Rompicherla	Ramaiah House	Hand Pump	0.001	Potable
141	Palnadu	Rompicherla	Rompicherla	Veternary Hospital	Hand Pump	0.002	Potable
142	Palnadu	Rompicherla	Rompicherla	Post Office	Hand Pump	0.001	Potable
143	Palnadu	Rompicherla	Rompicherla	SC Colony	Hand Pump	0.001	Potable
144	Palnadu	Rompicherla	Rompicherla	BC Colony	Hand Pump	0.003	Potable
145	Palnadu	Rompicherla	Rompicherla	SC Colony	Hand Pump	0.001	Potable
146	Palnadu	Rompicherla	Rompicherla	Gottam Street	Hand Pump	0.005	Potable
147	Palnadu	Rompicherla	Rompicherla	Subbareddy Colony	Hand Pump	0.001	Potable
148	Palnadu	Rompicherla	Rompicherla	Subbareddy Colony Subbaiah House	Hand Pump	0.007	Potable
149	Palnadu	Rompicherla	Rompicherla	BC Colony Venkateswarlu House	Hand Pump	0.001	Potable
150	Palnadu	Rompicherla	Rompicherla	Boddurai	Hand Pump	0.009	Potable
151	Palnadu	Rompicherla	Rompicherla	BC Colony Ramakrishna House	Hand Pump	0.004	Potable
152	Palnadu	Rompicherla	Rompicherla	I.Pitchaiah (H)	Open Well	0.002	Potable
153	Palnadu	Rompicherla	Rompicherla	Boddurai	Open Well	0.001	Potable
154	Palnadu	Rompicherla	Rompicherla	Rajula Bazar	Open Well	0.007	Potable
155	Palnadu	Rompicherla	Rompicherla	G.Appaiah (h)	Open Well	0.003	Potable
156	Palnadu	Machavaram(guntur dist. Diduruwalla Jabb.)	Morjampadu	ST Colony	MPWS	0.001	Potable
157	Palnadu	Machavaram	Morjampadu	Ankiraju Doddi	Direct Pumping	0.001	Potable
158	Palnadu	Machavaram	Morjampadu	SC Colony Macharla Yeshobu	Direct Pumping	0.002	Potable
159	Palnadu	Machavaram	Morjampadu	Chandala Yalamanda	Direct Pumping	0.005	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
160	Palnadu	Machavaram	Morjampadu	S.Jaganadham	Direct Pumping	0.005	Potable
161	Palnadu	Machavaram	Morjampadu	Thanda Megavath Srinu	Direct Pumping	0.003	Potable
162	Palnadu	Machavaram	Morjampadu	Burre Manaiah	Direct Pumping	0.004	Potable
163	Palnadu	Machavaram	Morjampadu	SC Colony	Direct Pumping	0.004	Potable
164	Palnadu	Machavaram	Morjampadu	Nallam Narasimharao	Direct Pumping	0.003	Potable
165	Palnadu	Machavaram	Morjampadu	Karanamgari Bavi	Direct Pumping	0.009	Potable
166	Palnadu	Machavaram	Morjampadu	MPP School (Main)	Direct Pumping	0.001	Potable
167	Palnadu	Machavaram	Morjampadu	Devadanam House	Direct Pumping	0.001	Potable
168	Palnadu	Machavaram	Morjampadu	R.Koteswarao House	Direct Pumping	0.001	Potable
169	Palnadu	Machavaram	Morjampadu	SC Colony Parem Raju	Direct Pumping	0.005	Potable
170	Palnadu	Machavaram	Morjampadu	Thanda Megavatha siva naik	Direct Pumping	0.002	Potable
171	Palnadu	Machavaram	Morjampadu	Rokkam Rajendra reddy	Direct Pumping	0.006	Potable
172	Palnadu	Machavaram	Morjampadu	Govindamma temple	Direct Pumping	0.002	Potable
173	Palnadu	Machavaram	Morjampadu	Sivalayam Temple	Direct Pumping	0.001	Potable
174	Palnadu	Machavaram	Morjampadu	G.Kondalu House	Direct Pumping	0.003	Potable
175	Palnadu	Machavaram	Morjampadu	Yelagala Yesaiah	Direct Pumping	0.004	Potable
176	Palnadu	Machavaram	Morjampadu	St Colony Tirupathamma temple	Direct Pumping	0.003	Potable
177	Palnadu	Machavaram	Morjampadu	Near MP ele School,R&B road side	Direct Pumping	0.006	Potable
178	Palnadu	Machavaram	Morjampadu	Pattipatemma Temple	Direct Pumping	0.001	Potable
179	Palnadu	Machavaram	Morjampadu	G.Ananatharamaiah House	Direct Pumping	0.001	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation)	Remarks
180	Palnadu	Machavaram	Morjampadu	KN Rao House At Yadhava Bazar	Direct Pumping	0.000	Potable
181	Palnadu	Machavaram	Morjampadu	Chandra Naik ST	Direct Pumping	0.001	Potable
182	Palnadu	Machavaram	Morjampadu	Chowdamma temple	Direct Pumping	0.004	Potable
183	Palnadu	Machavaram	Morjampadu	Gangamma temple	Direct Pumping	0.001	Potable
184	Palnadu	Machavaram	Morjampadu	SC Colony Church Beside	Direct Pumping	0.004	Potable
185	Palnadu	Machavaram	Morjampadu	M.Venkateswarlu House	Direct Pumping	0.003	Potable
186	Palnadu	Machavaram	Morjampadu	Weavars Colony	Direct Pumping	0.004	Potable
187	Palnadu	Machavaram	Morjampadu	Venkateswaraswami temple	Direct Pumping	0.003	Potable
188	Palnadu	Machavaram	Morjampadu	Thalluri Venkateswarlu	Direct Pumping	0.001	Potable
189	Palnadu	Machavaram	Morjampadu	Sivaramaiah House	Direct Pumping	0.002	Potable
190	Palnadu	Machavaram	Morjampadu	Near RBK 1	Direct Pumping	0.005	Potable
191	Palnadu	Machavaram	Morjampadu	Near RBK 2	Direct Pumping	0.001	Potable
192	Palnadu	Machavaram	Morjampadu	Beside MPPS Main	Direct Pumping	0.004	Potable
193	Palnadu	Piduguralla	Guthikonda	Manda ramulu House HW	Hand Pump	0.002	Potable
194	Palnadu	Piduguralla	Guthikonda	Thota Danaiah House H.W	Hand Pump	0.000	Potable
195	Palnadu	Piduguralla	Guthikonda	J.Kotaiah House H.W	Hand Pump	0.003	Potable
196	Palnadu	Piduguralla	Guthikonda	J.Gopaiah House .Church	Hand Pump	0.003	Potable
197	Palnadu	Piduguralla	Guthikonda	Bus Centre.	Hand Pump	0.000	Potable
198	Palnadu	Piduguralla	Guthikonda	Kumba Amaraiah House (ST)	Hand Pump	0.002	Potable
199	Palnadu	Piduguralla	Guthikonda	Bandaru Gangulu house	Hand Pump	0.003	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation)	Remarks
200	Palnadu	Piduguralla	Guthikonda	V.Bhikshalu House	Hand Pump	0.003	Potable
201	Palnadu	Piduguralla	Guthikonda	V.Venkateswarlu House	Hand Pump	0.002	Potable
202	Palnadu	Piduguralla	Guthikonda	V.Koti House	Hand Pump	0.005	Potable
203	Palnadu	Piduguralla	Guthikonda	N.Bramam House(Sada)	Hand Pump	0.003	Potable
204	Palnadu	Piduguralla	Guthikonda	N.Krishnaiah (H)	Hand Pump	0.008	Potable
205	Palnadu	Piduguralla	Guthikonda	P.Pothu raju (H)	Hand Pump	0.003	Potable
206	Palnadu	Piduguralla	Guthikonda	Kummari Bazar ,Misan Ramarao House	Hand Pump	0.005	Potable
207	Palnadu	Piduguralla	Guthikonda	Sk.Mastan House(Bujji)	Hand Pump	0.005	Potable
208	Palnadu	Piduguralla	Guthikonda	Sk.Hussain-3,TR&B Road side	Hand Pump	0.004	Potable
209	Palnadu	Piduguralla	Guthikonda	Gali Saheb-3,Ramalayam Temple	Hand Pump	0.004	Potable
210	Palnadu	Piduguralla	Guthikonda	R.Sambanaik house R&B Road side	Hand Pump	0.003	Potable
211	Palnadu	Piduguralla	Guthikonda	M.Ramaiah House	Hand Pump	0.008	Potable
212	Palnadu	Piduguralla	Guthikonda	M.Hanumanthrao(H),Chenchu	Hand Pump	0.006	Potable
213	Palnadu	Piduguralla	Guthikonda	E.Ramanaik(E.Sediramaiah)	Hand Pump	0.006	Potable
214	Palnadu	Piduguralla	Guthikonda	M.Rajarao House Malapalli	Hand Pump	0.005	Potable
215	Palnadu	Piduguralla	Guthikonda	Road side Anjaneya temple	Hand Pump	0.006	Potable
216	Palnadu	Piduguralla	Guthikonda	S.Lakshamma(H) Malapalli	Hand Pump	0.001	Potable
217	Palnadu	Piduguralla	Guthikonda	MP School	Hand Pump	0.005	Potable
218	Palnadu	Piduguralla	Guthikonda	Yedaiah s House Annamma S	Hand Pump	0.003	Potable
219	Palnadu	Piduguralla	Guthikonda	Dosapati Nagaiah House	Hand Pump	0.002	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation)	Remarks
220	Palnadu	Piduguralla	Guthikonda	Sugali Burrial Ground	Hand Pump	0.002	Potable
221	Palnadu	Piduguralla	Guthikonda	Challa srinivasarao (H)	Hand Pump	0.003	Potable
222	Palnadu	Piduguralla	Guthikonda	Bilam road1/10	Hand Pump	0.004	Potable
223	Palnadu	Piduguralla	Guthikonda	M.P.Ele school	Hand Pump	0.001	Potable
224	Palnadu	Piduguralla	Guthikonda	Bilam Road Anjamma Bavi	Hand Pump	0.002	Potable
225	Palnadu	Piduguralla	Guthikonda	Bilam Temple	Hand Pump	0.003	Potable
226	Palnadu	Piduguralla	Guthikonda	Ganji Saidulu(H) In Dude	Hand Pump	0.002	Potable
227	Palnadu	Piduguralla	Guthikonda	Bilam	Hand Pump	0.001	Potable
228	Palnadu	Piduguralla	Guthikonda	Burial ground (Bandla punnaiah)	Hand Pump	0.005	Potable
229	Palnadu	Piduguralla	Guthikonda	Brahmagari Temple	Hand Pump	0.001	Potable
230	Palnadu	Piduguralla	Guthikonda	Vemagiri(MPES)	Hand Pump	0.001	Potable
231	Palnadu	Piduguralla	Guthikonda	N.Subbaiah (H)	Hand Pump	0.002	Potable
232	Palnadu	Piduguralla	Guthikonda	Temple Bilam (Motor)	Hand Pump	0.001	Potable
233	Palnadu	Piduguralla	Guthikonda	Vaddera Colony Kameswara rao	Hand Pump	0.000	Potable
234	Palnadu	Piduguralla	Guthikonda	Poleramma temple	Hand Pump	0.001	Potable
235	Palnadu	Piduguralla	Guthikonda	Barrial Ground	Hand Pump	0.001	Potable
236	Palnadu	Piduguralla	Guthikonda	Hindu Barial Ground	Hand Pump	0.000	Potable
237	Palnadu	Piduguralla	Guthikonda	Vaderabazar Venkateswarlu	Hand Pump	0.000	Potable
238	Palnadu	Piduguralla	Guthikonda	BC Nagaiah	Hand Pump	0.001	Potable
239	Palnadu	Piduguralla	Guthikonda	J.Chinnaguravaiah	Hand Pump	0.001	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
240	Palnadu	Piduguralla	Guthikonda	V.Narasimha	Hand Pump	0.001	Potable
241	Palnadu	Piduguralla	Guthikonda	Madigapalli BG	Hand Pump	0.002	Potable
242	Palnadu	Piduguralla	Guthikonda	HW School(Madega)	Hand Pump	0.001	Potable
243	Palnadu	Piduguralla	Guthikonda	ST Colony Nageswara rao	Hand Pump	0.001	Potable
244	Palnadu	Piduguralla	Guthikonda	ST Uvillagadala village	Hand Pump	0.000	Potable
245	Palnadu	Piduguralla	Guthikonda	Gogula Anji	Hand Pump	0.000	Potable
246	Palnadu	Piduguralla	Guthikonda	SC Colony	MPWS	0.004	Potable
247	Palnadu	Piduguralla	Guthikonda	Village	PWS	0.001	Potable
248	Palnadu	Piduguralla	Guthikonda	Madigapalli	Direct Pumping	0.002	Potable
249	Palnadu	Piduguralla	Guthikonda	Vemagiri Near tank	Direct Pumping	0.000	Potable
250	Palnadu	Piduguralla	Guthikonda	ST Colony (Thirupathamma temple)	Direct Pumping	0.007	Potable
251	Palnadu	Piduguralla	Guthikonda	Ramalayam ST Colony	Direct Pumping	0.009	Potable
252	Palnadu	Piduguralla	Guthikonda	Near tank	Direct Pumping	0.002	Potable
253	Palnadu	Piduguralla	Guthikonda	Gogulanji	Direct Pumping	0.007	Potable
254	Palnadu	Piduguralla	Guthikonda	Bilam	Direct Pumping	0.005	Potable
255	Palnadu	Piduguralla	Guthikonda	B.C.Colony(Veeraswamy)	Direct Pumping	0.001	Potable
256	Palnadu	Piduguralla	Guthikonda	Muslim Bazar(Thimmaraju)	Direct Pumping	0.005	Potable
257	Palnadu	Piduguralla	Guthikonda	Veternary Hospital	Direct Pumping	0.003	Potable
258	Palnadu	Piduguralla	Guthikonda	Sivalayam	Direct Pumping	0.003	Potable
259	Palnadu	Piduguralla	Guthikonda	Bilam road welding shop	Direct Pumping	0.004	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
260	Palnadu	Piduguralla	Guthikonda	Dudekula colony Vemagiri	Direct Pumping	0.009	Potable
261	Palnadu	Piduguralla	Guthikonda	K Devaiah House	Direct Pumping	0.002	Potable
262	Palnadu	Piduguralla	Guthikonda	Sachivalayam	Direct Pumping	0.002	Potable
263	Prakasham	Parchur	kollavaripalem	kollavaripalem in Village	PWS	0.001	Potable
264	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.003	Potable
265	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.004	Potable
266	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.002	Potable
267	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.004	Potable
268	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.003	Potable
269	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.003	Potable
270	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.003	Potable
271	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.008	Potable
272	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.003	Potable
273	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.004	Potable
274	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.001	Potable
275	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.003	Potable
276	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.004	Potable
277	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.009	Potable
278	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.004	Potable
279	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.006	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
280	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.001	Potable
281	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.008	Potable
282	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.007	Potable
283	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.005	Potable
284	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.001	Potable
285	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.005	Potable
286	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.005	Potable
287	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.006	Potable
288	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.006	Potable
289	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.006	Potable
290	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.004	Potable
291	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.001	Potable
292	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.005	Potable
293	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.002	Potable
294	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.008	Potable
295	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.002	Potable
296	Prakasham	Chirala	Vodarevu	Vodarevu in Village	Hand Pump	0.003	Potable
297	Prakasham	Chirala	Daggubabu	Vodarevu in Village	Hand Pump	0.004	Potable
298	Prakasham	Kurichedu	Vangayapalem	Poleramma temple	Hand Pump	0.005	Potable
299	Prakasham	Kurichedu	Vangayapalem	Public Tap	Hand Pump	0.006	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
300	Prakasham	Kurichedu	Vangayapalem	Temple opp	Hand Pump	0.003	Potable
301	Prakasham	Kurichedu	Vangayapalem	MPP School	Hand Pump	0.004	Potable
302	Prakasham	Kurichedu	Vangayapalem	Danaiah House	Hand Pump	0.005	Potable
303	Nellore	Atmakur	BOGGERU	Village	PWS	0.000	Potable
304	Nellore	Atmakur	B OGGERU	Village	Direct Pumping	0.000	Potable
305	Nellore	Atmakur	ST Colony	KARATAM PADU BUS STOP	MPWS	0.001	Potable
306	Nellore	Atmakur	SC Colony	NEAR BUS STOP	Direct Pumping	0.001	Potable
307	Nellore	Atmakur	SCColony	NEAR S CANAL	Direct Pumping	0.000	Potable
308	Nellore	Atmakur	S Athanupalli	NEAR BOGGERU	Direct Pumping	0.001	Potable
309	Eluru	Mudinepalle	Upparigudem	Near Village	Deep tube well	0.004	Potable
310	ASR	Rampachodavaram	Chelakaveedhi	SOLAR TANK	PWS	0.008	Potable
311	ASR	Rampachodavaram	Chelakaveedhi	AT K.SATYAVATHI H.	Direct Pumping	0.003	Potable
312	ASR	Rampachodavaram	Chelakaveedhi	IN VILLAGE	PWS	0.009	Potable
313	ASR	Rampachodavaram	Chelakaveedhi	AWC	PWS	0.002	Potable
314	ASR	Rampachodavaram	Chelakaveedhi	AT SCHOOL	Direct Pumping	0.001	Potable
315	ASR	Rampachodavaram	Chelakaveedhi	PEDDA VEEDHI	Hand Pump	0.000	Potable
316	ASR	Rampachodavaram	Chelakaveedhi	PEDDA VEEDHI	Direct Pumping	0.001	Potable
317	Dr.B.R.Ambedkar Konaseema	P. Gannavaram	Sarellavari Peta	Ambedkar Colony 40KL OHSR	PWS	0.004	Potable
318	Dr.B.R.Ambedkar Konaseema	P. Gannavaram	Mathavaripeta	Near Ramalayam 90KL OHSR	CPWS	0.003	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation	Remarks
319	Dr.B.R.Ambedkar Konaseema	P. Gannavaram	Pechettivari Palem	Ambedkar Colony 40KL OHSR	CPWS	0.001	Potable
320	Dr.B.R.Ambedkar Konaseema	P. Gannavaram	Munganda	At CPWS Scheme	CPWS	0.001	Potable
321	Dr.B.R.Ambedkar Konaseema	P. Gannavaram	Mathavaripeta	Mathavaripeta Main 90KL OHSR	PWS	0.001	Potable
322	Dr.B.R.Ambedkar Konaseema	P. Gannavaram	Mattaparthi Vari Palem	90KL OHSR	CPWS	0.000	Potable
323	Dr.B.R.Ambedkar Konaseema	P. Gannavaram	Ambedkar Colony	Bavana vari veechi 40KL CPWS	Tap	0.000	Potable
324	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Appanapalli	Addagalla Nagamani	CPWS	0.007	Potable
325	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Appanapalli	Addagalla Nagamani	Hand Pump	0.002	Potable
326	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Uchilivaripeta	Paripalla Praveenraju	CPWS	0.001	Potable
327	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Sakavaripeta	Vadde Durga	CPWS	0.001	Potable
328	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Sakavaripeta	Vadde Durga	Open Well	0.006	Potable
329	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Pativari Group	Bokka Peddiraju	CPWS	0.001	Potable
330	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Pativari Group	Bokka Peddiraju	Open Well	0.000	Potable
331	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Pativari Group	Bokka Satyanarayana	CPWS	0.000	Potable
332	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Pativari Group	Bokka Satyanarayana	Hand Pump	0.000	Potable
333	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Bonthuvaripeta	Bonthu Bhaskarao	CPWS	0.001	Potable
334	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Bonthuvaripeta	Bonthu Bhaskarao	Open Well	0.000	Potable

Sl.No	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation)	Remarks
335	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Rajakapeta	Pasupulati Eswararao	CPWS	0.000	Potable
336	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Rajakapeta	Pasupulati Eswararao	Bore well	0.000	Potable
337	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Molletivaripalem	Molleti Srinivasarao	CPWS	0.000	Potable
338	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Molletivaripalem	Molleti Srinivasarao	Open well	0.000	Potable
339	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Geddavaripeta	Iniseti Padma	Hand Pump	0.000	Potable
340	Dr.B.R.Ambedkar Konaseema	Mamidikuduru	Appanapalli	Near G.P. Office	Bore well	0.000	Potable
341	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Ramaraopeta	G.Arjunarao	PWS	0.001	Potable
342	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Ramaraopeta	G.Arjunarao	Open well	0.003	Potable
343	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Ramaraopeta	V.Suryanarayana	PWS	0.003	Potable
344	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Kummarlaveedhi	Rayapudi Srinu	PWS	0.005	Potable
345	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Yanamadhala Veedhi	NEAR Vijayaganapathi Temple	Open well	0.002	Potable
346	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Komaragiri	N.Satyanarayana	PWS	0.001	Potable
347	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Panchayathi Veedhi	Vakapalli Swami	Hand Pump	0.001	Potable
348	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Panchayathi Veedhi	K.Gangaratnam	Hand Pump	0.002	Potable
349	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Panchayathi Veedhi	Near G.P. Office	PWS	0.003	Potable
350	Dr.B.R.Ambedkar Konaseema	I.Polavaram	Agraharam	NEAR Subrahmanyaswami Temple	Bore well	0.001	Potable

SL.N o	Name of the District	Name of the Mandal	Name of the Habitation	Place and Location	Source	Arsenic (0.01 mg/L with no relaxation)	Remarks
351	Ananthapur	Almakur	Waddipalli	Near Ramalayam Temple	PWS	0.005	Potable
352	Kurnool	Halahanvi	Gulyam	Gadlingeswaraswami temple	MPWS	0.005	Potable
353	Kurnool	Halahanvi	Gulyam	MPP School (Kannada)	Hand Pump	0.005	Potable
354	Kurnool	Halahanvi	Gulyam	ZPH School	Hand Pump	0.003	Potable
355	Kurnool	Halahanvi	Gulyam	ZPH School RO Plant	Hand Pump	0.001	Potable
356	Kurnool	Halahanvi	Gulyam	ZPH School	CPWS	0.007	Potable
357	Kurnool	Halahanvi	Gulyam	MPP School	CPWS	0.003	Potable

ENGINEER-IN-CHIEF
RWS & S DEPARTMENT
GOVT. OF ANDHRA PRADESH
GOLLAPUDI
VIJAYAWADA

S. V. S. S. S. S.
26/3/2024

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
1	Srikakulam	Jalumuru	Akkurada	Latchannapeta	Village Centre	Hand Pump	0.78	Potable
2	Srikakulam	Jalumuru	Akkurada	Latchannapeta	In Temple	Hand Pump	0.54	Potable
3	Srikakulam	Jalumuru	Akkurada	Latchannapeta	Colony Entrance	Hand Pump	0.87	Potable
4	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	202 Colony	MPWS	0.23	Potable
5	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Kummari Avedhi	DIRECT PUMPING	0.84	Potable
6	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	S.C.Colony(Old Village)	PWS	0.58	Potable
7	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Village(Anganavadi Center)	Hand Pump	0.03	Potable
8	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Ele School	DIRECT PUMPING	0.19	Potable
9	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Deooffice	Hand Pump	0.88	Potable
10	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Old Butand	Hand Pump	1.32	Potable
11	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Zph	Hand Pump	0.87	Potable
12	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	S.C.Hostel	Hand Pump	0.09	Potable
13	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Nookalaa Teple	Hand Pump	0.84	Potable
14	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Barid Ground	Hand Pump	0.47	Potable
15	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Ngo Colony	Hand Pump	0.2	Potable
16	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Old Chool	Hand Pump	0.61	Potable
17	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Oldcolony	Hand Pump	0.5	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
18	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Mro Quaters	Hand Pump	0.49	Potable
19	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Bcgirl Hostal	Hand Pump	1.4	Potable
20	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sabavaram Road End	Hand Pump	0.76	Potable
21	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sabavaram Road End	Hand Pump	0.34	Potable
22	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sabbavaram Road Saide	Hand Pump	1.14	Potable
23	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sabbavaram Road Side	Hand Pump	0.76	Potable
24	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	DIRECT PUMPINGep School	Hand Pump	0.51	Potable
25	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Petrol Bunk	Hand Pump	0.9	Potable
26	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Near Old Petrol Bunk	Hand Pump	0.69	Potable
27	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sc Boys Hostel	Hand Pump	1.19	Potable
28	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Y.Perayya House Old Villg	Hand Pump	0.4	Potable
29	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sw Boys Hostel	Hand Pump	1.13	Potable
30	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Kotni Veedhi	Hand Pump	1.37	Potable
31	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Z.P Market	Hand Pump	0.93	Potable
32	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Yethapeta	Hand Pump	1.24	Potable
33	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Ramamandiram	Hand Pump	0.41	Potable
34	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sc Colony	Hand Pump	0.78	Potable

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
35	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Rajeevnagar Colony	Hand Pump	0.34	Potable
36	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Chakali Veedi	Hand Pump	0.22	Potable
37	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Kummari Bazar-2	Hand Pump	1.02	Potable
38	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Kummari Veedhi	Hand Pump	0.98	Potable
39	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Drivers Colony	Hand Pump	0.25	Potable
40	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Mangala Veedi Kalvert	Hand Pump	0.42	Potable
41	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Village	Hand Pump	0.82	Potable
42	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Dabalu Sc Colony	Hand Pump	0.07	Potable
43	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Zph School li	Hand Pump	0.87	Potable
44	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Yatha Peta	Hand Pump	0.75	Potable
45	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sharabula Street	Hand Pump	0.78	Potable
46	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Burrial Ground Vzm Road S	Hand Pump	1.35	Potable
47	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Kummar Bajari-2	Hand Pump	0.53	Potable
48	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sai Nagar	Hand Pump	0.94	Potable
49	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Old Sivaji Nagar	Hand Pump	1.31	Potable
50	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Umadevi Colony	Hand Pump	1.15	Potable
51	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Rtc Complex	Hand Pump	0.68	Potable

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
52	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Nookalamma Temple Old Vil	Hand Pump	0.19	Potable
53	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Ariselti Yellaji R House	Hand Pump	0.72	Potable
54	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Simhadwaram	Hand Pump	1.07	Potable
55	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Mahendrashoppingcomplex	Hand Pump	0.35	Potable
56	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sc Colony School	Hand Pump	0.46	Potable
57	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	3Rd Ward	Hand Pump	0.56	Potable
58	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Kummar Banjar	Hand Pump	0.32	Potable
59	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Rama Parthi Vari Kallalu	Hand Pump	0.07	Potable
60	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Gedda Veedi Church	Hand Pump	0.34	Potable
61	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Mutyalamma Veedi	Hand Pump	0.61	Potable
62	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Yetha Peta	Hand Pump	1.13	Potable
63	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sc Colony	Hand Pump	1.25	Potable
64	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Near Police Station	Hand Pump	0.97	Potable
65	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Ardhannapalem	PWS	0.3	Potable
66	Vizianagaram	Kottavalasa	Kothavalasa	Kothavalasa	Sc Colony (Dabalu)	DIRECT PUMPING	0.89	Potable
67	Vizianagaram	Therlam	Appalampeta	Kollivalasa	Pws Scheme	MVS IFW	0.67	Potable
68	Vizianagaram	Therlam	Appalampeta	Kollivalasa	Balaram House	Hand Pump	1.35	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
69	Vizianagaram	Therlam	Appalampeta	Kollivalasa	Bc Colony	Hand Pump	0.95	Potable
70	Vizianagaram	Therlam	Appalampeta	Kollivalasa	Sc Colony (Latitude 18.522 Longitude 83.522)	Hand Pump	1.80	Potable Drinking water supplying through CPWS Scheme at N.Burjivalasa & other habitations, vegavathi river near vantharam village.
71	Vizianagaram	Therlam	Appalampeta	Kollivalasa	Housing Colony	Hand Pump	0.70	Potable
72	Vizianagaram	Therlam	Appalampeta	Kollivalasa	Mpp School	Hand Pump	1.14	Potable
73	P Manyam	Balijipeta	Peddimpeta	Gowripuram	In Village	PWS	0.62	Potable
74	P Manyam	Balijipeta	Peddimpeta	Gowripuram	Bc Colony (Latitude 18.751 Longitude 83.524)	DIRECT PUMPING	0.87	Potable
75	P Manyam	Balijipeta	Peddimpeta	Gowripuram	Anganwadi	TAP	0.32	Potable
76	P Manyam	Balijipeta	Peddimpeta	Gowripuram	Mp Ele School	TAP	0.19	Potable
77	P Manyam	Balijipeta	Peddimpeta	Gowripuram	P.Laxmi	TAP	0.44	Potable
78	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Juniar College	PWS	0.65	Potable
79	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Near Rama Temple	PWS	0.36	Potable
80	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Village End	PWS	0.64	Potable
81	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Ambedkar Colony	MPWS	0.38	Potable
82	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Arundhathi Colony	MPWS	0.37	Potable
83	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Midhivari Kallalu	Openwell	0.71	Potable
84	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Thalapureddi Vari Kallalu	Openwell	0.36	Potable

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
85	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gatreddi Kallalu.2	Hand Pump	0.64	Potable
86	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Dasari Vari Kallalu	Hand Pump	1.04	Potable
87	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Yarra Vari Kallalu	Hand Pump	0.20	Potable
88	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gatreddi Kallalu	Hand Pump	0.52	Potable
89	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Modhakonda Colony	Hand Pump	0.44	Potable
90	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Yerravari Kallalu	Hand Pump	0.28	Potable
91	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Vellanki Vari Kallalu	Hand Pump	0.36	Potable
92	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Vellankivari Kallalu	Hand Pump	1.40	Potable
93	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	S.C.Colony	Hand Pump	1.21	Potable
94	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Kannarao House.15Th Ward	Hand Pump	0.64	Potable
95	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gatreddivari Ramalayam	Hand Pump	0.38	Potable
96	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Kalagarra Kasu Gari Hous	Hand Pump	0.54	Potable
97	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	10Th Ward	Hand Pump	0.45	Potable
98	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	5Th Ward V.Narasingarao H	Hand Pump	0.62	Potable
99	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	College Back Side	Hand Pump	0.66	Potable
100	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Z.P.H.School	Hand Pump	0.51	Potable
101	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	13Th Ward	Hand Pump	0.36	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
102	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	2Nd Ward	Hand Pump	0.28	Potable
103	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Modi Naidu Rice Mill	Hand Pump	0.63	Potable
104	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gummididi Veedhi	Hand Pump	0.38	Potable
105	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Sivalayam	Hand Pump	0.42	Potable
106	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Harijana School	Hand Pump	0.29	Potable
107	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Matta Vari Kallalu	Hand Pump	0.44	Potable
108	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Sc.Colony	Hand Pump	0.55	Potable
109	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Nandhi	Hand Pump	0.32	Potable
110	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Pm Dhasu R&B Road 15 Ward	Hand Pump	0.46	Potable
111	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gummididi Veedhi	Hand Pump	0.38	Potable
112	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	5Th Ward Gatta Vari Veedh	Hand Pump	0.48	Potable
113	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	8Th Ward Gatreddi Vari Ve	Hand Pump	0.54	Potable
114	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Vinayaka Temple	Hand Pump	0.63	Potable
115	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Collige Round	Hand Pump	0.89	Potable
116	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	K.Nageswara Rao House	Hand Pump	0.59	Potable
117	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gandhinagar	Hand Pump	0.63	Potable
118	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Arundati Colony 6Th Ward	Hand Pump	0.48	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
119	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	7 Th Ward K.Manikyam	Hand Pump	1.14	Potable
120	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	S,C Colony -II 14 Ward	Hand Pump	0.32	Potable
121	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Z.P.H School	Hand Pump	0.87	Potable
122	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Relli Street	Hand Pump	0.57	Potable
123	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	S.C.Colony	Hand Pump	0.64	Potable
124	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Sinnamma Cheruvu	Hand Pump	1.14	Potable
125	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	B.Seshu House	Hand Pump	0.44	Potable
126	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	2Nd Ward Kakuladibba	Hand Pump	0.76	Potable
127	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Milatry Nagar	Hand Pump	0.56	Potable
128	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Pothu Raju Temple	Hand Pump	1.09	Potable
129	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gandhi Nagar	Hand Pump	0.72	Potable
130	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	2Nd Ward	Hand Pump	0.84	Potable
131	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Main Road	Hand Pump	0.72	Potable
132	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Medara Street 11Th Ward	Hand Pump	1.08	Potable
133	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Radhakrishnashop 3rd Ward	Hand Pump	0.52	Potable
134	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	B.Seshu House	Hand Pump	0.66	Potable
135	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Raja Rao Kova	Hand Pump	1.21	Potable

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
136	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Prakash Nagar	Hand Pump	0.19	Potable
137	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	1St.Ward	Hand Pump	0.26	Potable
138	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	G.School	Hand Pump	0.14	Potable
139	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	9Th Ward Uggina Veedhi	Hand Pump	1.32	Potable
140	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	10Th Ward Somireddi Veedh	Hand Pump	0.34	Potable
141	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	11Th Ward Bheemarathi Vee	Hand Pump	0.16	Potable
142	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	U.P.School	Hand Pump	0.76	Potable
143	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Ambedkara Colony-I	Hand Pump	0.54	Potable
144	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Ambedkar Colony-Ii	Hand Pump	0.61	Potable
145	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Ambedkar Colony-Ili	Hand Pump	0.40	Potable
146	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Ambedkar Colony-Iv	Hand Pump	0.19	Potable
147	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Dasari Veedhi	Hand Pump	1.05	Potable
148	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	G.Prakasha Rao House	Hand Pump	0.84	Potable
149	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Kota Veedhi	Hand Pump	0.36	Potable
150	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	13Th Ward Orugonda Street	Hand Pump	0.28	Potable
151	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	4Th Ward G.Joga Rao House	Hand Pump	0.40	Potable
152	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	2Nd Ward	Hand Pump	0.73	Potable

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
153	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Dasarivari Kallalu	Hand Pump	0.64	Potable
154	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Ambedkar Stage	Hand Pump	0.88	Potable
155	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gatreddi Kallalu	Hand Pump	1.04	Potable
156	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Somireddi Vari Kallalu	Hand Pump	0.68	Potable
157	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Madumanthi Veedi	Hand Pump	1.14	Potable
158	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gandhi Nagar Pvsn	Hand Pump	0.76	Potable
159	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Kummari Veedi	Hand Pump	0.64	Potable
160	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Tank 8 Ward	Hand Pump	0.72	Potable
161	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gatreddivari Kallalu	Hand Pump	0.48	Potable
162	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Sc Colony	Hand Pump	0.86	Potable
163	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Vissarapuvuri Kallalu	Hand Pump	0.44	Potable
164	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Patamsettivari Kallalu	Hand Pump	0.52	Potable
165	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Veeravillivari Kallalu	Hand Pump	0.58	Potable
166	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Yathapeta	Hand Pump	0.66	Potable
167	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Burrial Ground	Hand Pump	0.92	Potable
168	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Emili Rmaroase	Hand Pump	1.04	Potable
169	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Devatamma Temple	Hand Pump	0.36	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
170	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Adduri Vari Kallalu	Hand Pump	0.55	Potable
171	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Visarapu Vari Kallalu	Hand Pump	0.68	Potable
172	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Irla Vari Kallalu	Hand Pump	0.64	Potable
173	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Kanchumurti Kallalu	Hand Pump	0.76	Potable
174	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Tvs ShOPEN WELL Room Back	Hand Pump	0.32	Potable
175	Anakapalli	Ravikamatham	Kothakota	Kotha Kota	Gummudi Vari Kallalu	Hand Pump	0.41	Potable
176	Alluri Sitaramaraju	G.Madugula	Killamkota	Rolugunta	Rolugunta	SCEHME	0.02	Potable
177	Alluri Sitaramaraju	Paderu	Vantlamamidi	Vantlamamidi	Road Left Side	OPEN WELL	0.26	Potable
178	Alluri Sitaramaraju	Paderu	Vantlamamidi	Vantlamamidi	Near Temple	HAND PUMP	1.02	Potable
179	Alluri Sitaramaraju	Paderu	Vantlamamidi	Vantlamamidi	Village	HAND PUMP	0.58	Potable
180	Alluri Sitaramaraju	Paderu	Vantlamamidi	Vantlamamidi	Village DOPEN WELLn Side	SPRING	0.02	Potable
181	Alluri Sitaramaraju	Paderu	Vantlamamidi	Vantlamamidi	Road Right Side	OPEN WELL	0.08	Potable
182	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Sarpativer	CPWS	0.30	Potable
183	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	S.C.Coleny	MPWS	0.53	Potable
184	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	R&B Road Side	OPENWELL	0.95	Potable
185	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	P.Nagaraju House (Sc)	HAND PUMP	1.61	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
186	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Abyduya School	HAND PUMP	1.42	Potable
187	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	S.Nookaraju House	HAND PUMP	1.45	Potable
188	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	S.Narsimha Murthy House	HAND PUMP	1.31	Potable
189	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	N.Yerrayamma House	HAND PUMP	1.58	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
190	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Police Station	HAND PUMP	1.65	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
191	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Kovuru Road Side	HAND PUMP	1.70	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
192	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Sugar Collection Center	HAND PUMP	1.73	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
193	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Milk Centre	HAND PUMP	1.59	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
194	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Hanuman Temple	HAND PUMP	1.62	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
195	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Sc Colony	HAND PUMP	1.80	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
196	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Manikya Rao House	HAND PUMP	1.57	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
197	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Ruttala Nookaraju Pakalu	HAND PUMP	1.60	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
199	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Santhosimata Temple	HAND PUMP	1.64	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
200	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Kammaraju Pakalu	HAND PUMP	1.37	Potable
201	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Danimireddy Vari Street	HAND PUMP	1.45	Potable
202	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Narasimha Murthy Pakalu	HAND PUMP	1.30	Potable
203	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	K.G.B.School	HAND PUMP	1.35	Potable
204	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Near Swaminaidu M.Ramana	HAND PUMP	1.41	Potable
205	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Ravada Manireddy House	HAND PUMP	1.22	Potable
206	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	M.Chinarajubabu	HAND PUMP	1.53	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
207	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Burriel Ground	HAND PUMP	1.30	Potable
208	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Sarpanch Street	HAND PUMP	1.65	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
209	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Gorle Chinna Babu Pakalu	HAND PUMP	1.33	Potable
210	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Yeka Narasimhamurthy Paka	HAND PUMP	1.39	Potable
211	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Sai Baba Temple	HAND PUMP	1.58	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
212	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Maddu Srinivasa Rao Pakal	HAND PUMP	1.47	Potable
213	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Maddu Rajubabu Pakalu	HAND PUMP	1.36	Potable
214	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Bolem Yerapatrudu Pakalu	HAND PUMP	1.08	Potable
215	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Tamarana Chinna Rao Pakal	HAND PUMP	1.25	Potable
216	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Maddu Daraju House	HAND PUMP	1.61	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
217	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Je Query	HAND PUMP	1.84	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
218	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Khasturibai School Back S	HAND PUMP	1.40	Potable
219	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Maddu Chinaraju Pakalu	HAND PUMP	0.64	Potable
220	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Kalla Sathibabu Pakalu	HAND PUMP	1.22	Potable
221	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Yeka Narasimhamurthy Paka	HAND PUMP	0.49	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
222	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Saibaba Temple	HAND PUMP	1.52	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
223	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Y Arjuna House Sc Colony	HAND PUMP	1.58	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
224	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Nookambika Temple	HAND PUMP	1.23	Potable
225	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Allu Vari Veedi (7Th Ward	HAND PUMP	1.55	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
226	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	M.Satyam House Near Mdo	HAND PUMP	1.59	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
227	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Ch.Venkata Rao House	HAND PUMP	1.36	Potable
228	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	N.Simmanna Kallalu	HAND PUMP	1.48	Potable
229	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Kottevari Kallalu	HAND PUMP	1.53	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
230	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Varry Appa Rao Quarry	HAND PUMP	1.66	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
231	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	A.Appla Naidu House Marke	HAND PUMP	1.30	Potable
232	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	D.P.E.P School	HAND PUMP	1.15	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
233	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	11 Th Ward	HAND PUMP	1.62	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
234	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Communa Ramanamma House	HAND PUMP	1.54	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
235	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Anganiwadi Schooluse	HAND PUMP	1.31	Potable
236	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Chakali Veedi	HAND PUMP	1.24	Potable
237	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Weevers Colony	HAND PUMP	1.60	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
238	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Kotte Chinna Appa Rao Hou	HAND PUMP	1.30	Potable
239	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	M.Krishna Murthy House	HAND PUMP	1.19	Potable
240	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Vethary Haspatal	HAND PUMP	0.95	Potable
241	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Zph School	HAND PUMP	1.32	Potable
242	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Thriveni Sangam(Ramalayam	HAND PUMP	1.67	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
243	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	M.Atchiyya Naidu Pakalu	HAND PUMP	0.84	Potable
244	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Near Yerukunaidu House	HAND PUMP	1.28	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
245	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Vinayaka Temple	HAND PUMP	1.57	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
246	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Bandaru Kondababu Pakalu	HAND PUMP	0.78	Potable
247	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Kalla Sathibabu Pakalu	HAND PUMP	0.35	Potable
248	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Makireddy Sathibabu Pakal	HAND PUMP	0.70	Potable
249	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Maddu Simmanna Veedi	HAND PUMP	1.42	Potable
250	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Pothala Srinu Pakalu	HAND PUMP	1.35	Potable
251	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Marisa Naidu House	HAND PUMP	1.21	Potable
252	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Rongala Kannababu House	HAND PUMP	0.98	Potable
253	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Poladasu Tatalu	HAND PUMP	0.76	Potable
254	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Govt Junior College	HAND PUMP	1.20	Potable
255	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Ruttala Rajubabu House	HAND PUMP	1.14	Potable
256	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Palli Appalanaidu House	HAND PUMP	1.66	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
257	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Bandaru Sathibabu Pakalu	HAND PUMP	0.52	Potable
258	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Tamarana Chinnarao Pakalu	HAND PUMP	1.04	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
259	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Maddu Nookaraju House	HAND PUMP	1.59	Potable Drinking water supplying through CPWS Scheme at Rolugunta & other habitations sarpa river near Janikiram puram village.
260	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	Samireddi Musilinaidu	HAND PUMP	1.32	Potable
261	Alluri Sitaramaraju	Rolugunta	Rolugunta	Rolugunta	New Sc Colony	HAND PUMP	1.40	Potable
262	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Pathaveedhi	OHSR	0.68	Potable
263	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	In Village	OHSR	0.69	Potable
264	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Kothaveedhi	PWS	1.46	Potable
265	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Seedem. Urmila House	PWS	1.39	Potable
266	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Madakam. Ramchandra Rao House	HAND PUMP	1.40	Potable
267	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Village Health Clinic	Tank Tap	0.97	Potable
268	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Venkat Reddy House	HAND PUMP	1.29	Potable
269	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	B.Lakshmi House	HAND PUMP	1.33	Potable
270	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Karam. Baburao House	HAND PUMP	1.33	Potable
271	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	K.Kamaraju House	HAND PUMP	1.40	Potable
272	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Anganwadi	HAND PUMP	1.21	Potable
273	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Church	OHSR	1.17	Potable
274	Alluri Sitaramaraju	Rampachodavara m	Foulk Peta	Foulk Peta	Near Church Road	HAND PUMP	0.80	Potable

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
275	Alluri Sitaramaraju	Rampachodavaram	I Polavaram	Seethapalli Colony	M.Abhai Dora	OHSR	1.33	Potable
276	Alluri Sitaramaraju	Rampachodavaram	I Polavaram	Seethapalli Colony	Near TOPEN WELLER Street	HAND PUMP	0.58	Potable
277	Alluri Sitaramaraju	Rampachodavaram	I Polavaram	Seethapalli Colony	Road Side	HAND PUMP	1.08	Potable
278	Alluri Sitaramaraju	Rampachodavaram	I Polavaram	Seethapalli Colony	Bapannamma Temple Right Side	HAND PUMP	0.34	Potable
279	Alluri Sitaramaraju	Rampachodavaram	I Polavaram	Seethapalli Colony	K.Chinnalu Dora	HAND PUMP	0.46	Potable
280	Alluri Sitaramaraju	Rampachodavaram	I Polavaram	Seethapalli Colony	Three Road Junction	HAND PUMP	1.07	Potable
281	Alluri Sitaramaraju	Gangavaram	Zaderu	Zaderu	Chelaka Veedhi	OHSR	0.63	Potable
282	Alluri Sitaramaraju	Gangavaram	Zaderu	Zaderu	Chelaka Veedhi	HAND PUMP	0.68	Potable
283	Alluri Sitaramaraju	Gangavaram	Zaderu	Zaderu	Village	HAND PUMP	1.36	Potable
284	Alluri Sitaramaraju	Gangavaram	Zaderu	Zaderu	Zaderu	Tank	1.18	Potable
285	Alluri Sitaramaraju	Gangavaram	Mohana Puram	Lakmi Puram	Village	Tank	0.55	Potable
286	Alluri Sitaramaraju	Gangavaram	Mohana Puram	Lakmi Puram	Tank Opposite House	Tank	0.53	Potable
287	Alluri Sitaramaraju	Gangavaram	Mohana Puram	Lakmi Puram	Chinthamma Veedhi	HAND PUMP	0.71	Potable
288	Alluri Sitaramaraju	Gangavaram	Mohana Puram	Lakmi Puram	Village Entrance	HAND PUMP	0.57	Potable
289	Alluri Sitaramaraju	Gangavaram	Mohana Puram	Nuvvumamidi	Nuvvumamidi	Solar Tank	0.60	Potable
290	Alluri Sitaramaraju	Gangavaram	Mohana Puram	Nuvvumamidi	Nuvvumamidi	PWS	0.93	Potable
291	Eluru	Lingapalem	Dharmajugudem	Dharmajugudem	Konijerla Road	Bore Well	1.23	Potable

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
292	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	Near Church,Opp.Ananya Public School	Bore Well	1.32	Potable
293	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	Near R&B Road Side	Bore Well	1.31	Potable
294	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	R&B Road Side ,Near Ayurveda Hospital	Bore Well	1.38	Potable
295	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	Milk Centre	Bore Well	1.34	Potable
296	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	Chinnamvari Bajar	Bore Well	1.22	Potable
297	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	Sc Location Anganwadi	Bore Well	0.87	Potable
298	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	Thurpu Gudem Sc Burrial Ground	Bore Well	0.83	Potable
299	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	Thurpu Gudem Near Sc Burrial Ground	Bore Well	1.23	Potable
300	Eluru	Lingapalem	Dharmajigudem	Dharmajigudem	Model Colony	Bore Well	1.25	Potable
301	Eluru	Lingapalem	Dharmajigudem	Katamreddipalli	Sc Location	Bore Well	1.1	Potable
302	Eluru	Lingapalem	Dharmajigudem	Katamreddipalli	Oc Location Zph School	Bore Well	1.18	Potable
303	Eluru	Lingapalem	Dharmajigudem	Surninenivarigudem	Oc Location Near Surnineni Murali House	Bore Well	1.23	Potable
304	West Godvari	Bhimavaram	Narasimapuram	Narasimapuram	Near Ohsr	Surface water	0.36	Potable
305	East Godavri	Gopalapuram	Chityala	Chityala	Near Fields	Bore Well	0.68	Potable
306	East Godavri	Gopalapuram	Chityala	Chityala	Near Fields	Bore Well	0.55	Potable
307	East Godavri	Gopalapuram	Chityala	Chityala	Near Kondayya House	HAND PUMP	1.09	Potable
308	East Godavri	Gopalapuram	Chityala	Chityala	Rajakula Street	HAND PUMP	1.48	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
309	East Godavri	Gopalapuram	Chityala	Chityala	Posamma Tank	HAND PUMP	1.36	Potable
310	East Godavri	Gopalapuram	Chityala	Chityala	Bus Stop	HAND PUMP	1.65	Potable Drinking Water Supplying though two PWS Schemes at Chityala Village.
311	Krishna	Bapulapadu	Rangannagudem	Rangannagudem	Near Mpup School	Pwss	0.4	Potable
312	Krishna	Bapulapadu	Rangannagudem	Singannagudem	Main Village Tank	Pwss	0.5	Potable
313	Krishna	Bapulapadu	Rangannagudem	Rangannagudem	Near School	Direct Pumping	0.42	Potable
314	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Main Village	PWSS	2.8	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
315	NTR	A.KONDURU	A.KONDURU	A.KONDURU	ON NHAI Road Side	PWSS	2.7	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
316	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Inside MPUP School	HAND PUMP	1.5	Potable
317	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Muthyalamma Temple	HAND PUMP	1.5	Potable
318	NTR	A.KONDURU	A.KONDURU	A.KONDURU	S.C Colony Malapalli (P.Prakas house)	HAND PUMP	2.28	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
319	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Malapalli Panita Baskraro	HAND PUMP	2.48	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
320	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Yaduvala Bazar (S.Satyam House)	HAND PUMP	2.24	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
321	NTR	A.KONDURU	A.KONDURU	A.KONDURU	B.C Colony Bajji House	HAND PUMP	1.5	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
322	NTR	A.KONDURU	A.KONDURU	A.KONDURU	B.C Colony At G.V Rao House	HAND PUMP	2.25	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
323	NTR	A.KONDURU	A.KONDURU	A.KONDURU	S.Narasimha Rao House	HAND PUMP	2.3	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
324	NTR	A.KONDURU	A.KONDURU	A.KONDURU	New Malapalli	HAND PUMP	2.17	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
325	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Yaduvala Bazar At Ch.N.Ratnam House	HAND PUMP	2.19	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
326	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Bus Stop	HAND PUMP	2.28	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
327	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Grandalayam	HAND PUMP	2.46	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
328	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Old M.R.O Office	HAND PUMP	1.08	Potable
329	NTR	A.KONDURU	A.KONDURU	A.KONDURU	L.Thirupathirao House	HAND PUMP	2	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
330	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Near J Konda House	HAND PUMP	2	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
331	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Post Office	HAND PUMP	2.2	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
332	NTR	A.KONDURU	A.KONDURU	A.KONDURU	CSI Church	HAND PUMP	2.5	Not used for drinking purpose , provided water through PWS/CPWS Schemes
333	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Sekhar House S.C Area	HAND PUMP	2.8	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
334	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Burrial Ground	HAND PUMP	2.8	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
335	NTR	A.KONDURU	A.KONDURU	A.KONDURU	GP Office	HAND PUMP	1.5	Potable
336	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Karimulla Hospital	HAND PUMP	2.36	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
337	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Near Main Center	DIRECT PUMPING	1.91	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
338	NTR	A.KONDURU	A.KONDURU	A.KONDURU	ZPH High School	HAND PUMP	1.81	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
339	NTR	A.KONDURU	A.KONDURU	A.KONDURU	R&B road Vinayaka temple	HAND PUMP	1.5	Potable
340	NTR	A.KONDURU	A.KONDURU	A.KONDURU	NREGS (Lanco)	HAND PUMP	1.8	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
341	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Vanaparlla Satyam	HAND PUMP	2.56	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
342	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Ravi chettu bazar Akkasani Rangarao	HAND PUMP	1.46	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
343	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Barre prasannarao (Malapalle)	HAND PUMP	2.8	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
344	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Gudavalli Tirupatirao (Malapalle)	HAND PUMP	2.8	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
345	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Sadam Narasimharao	HAND PUMP	1.8	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
346	NTR	A.KONDURU	A.KONDURU	A.KONDURU	Lineman Yesu	HAND PUMP	2.4	Potable Drinking Water Supplying though CPWS Scheme at Mylavaram
347	NTR	A.KONDURU	A.KONDURU	PATHA KONDURU	At Cheruvu Gattu	PWSS	1.23	Potable
348	NTR	A.KONDURU	A.KONDURU	PATHA KONDURU	Main Village	MPWS	0.98	Potable
349	NTR	A.KONDURU	A.KONDURU	PATHA KONDURU	At Anjineeya Swamy Temple	HAND PUMP	0.81	Potable
350	NTR	A.KONDURU	A.KONDURU	PATHA KONDURU	MP Ele School	HAND PUMP	0.75	Potable
351	NTR	A.KONDURU	A.KONDURU	PATHA KONDURU	H.W New	HAND PUMP	1.34	Potable
352	NTR	A.KONDURU	A.KONDURU	PATHA KONDURU	Burrial Ground	HAND PUMP	0.76	Potable
353	NTR	A.KONDURU	A.KONDURU	PATHA KONDURU	Lanco	HAND PUMP	0.86	Potable
354	NTR	A.KONDURU	A.KONDURU	PATHA KONDURU	Y.Nageswara Rao	HAND PUMP	0.72	Potable
355	NTR	Tiruvuru	Kakarla	Kakarla	Sri Ramulu House	HAND PUMP	0.80	Potable
356	NTR	Tiruvuru	Kakarla	Kakarla	O.C Area	PWSS	0.38	Potable
357	NTR	Tiruvuru	Kakarla	Kakarla	Cheruvu Katta	DIRECT PUMPING	0.42	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
358	NTR	Tiruvuru	Kakarla	Kakarla	Near Charch	DIRECT PUMPING	1.12	Potable
359	NTR	Tiruvuru	Kakarla	Kakarla	Pujari Srinu	HAND PUMP	1.26	Potable
360	NTR	Tiruvuru	Kakarla	Kakarla	Gaddam Anandhrao	HAND PUMP	0.67	Potable
361	NTR	Tiruvuru	Kakarla	Kakarla	Ramalayam	HAND PUMP	1.05	Potable
362	NTR	Tiruvuru	Kakarla	Kakarla	Mpp School Main Village	HAND PUMP	0.58	Potable
363	NTR	Tiruvuru	Kakarla	Kakarla	Mpup School	HAND PUMP	1.12	Potable
364	NTR	Tiruvuru	Kakarla	Kakarla	R.Venkateswarao House	HAND PUMP	1.11	Potable
365	NTR	Tiruvuru	Kakarla	Kakarla	Badhram House	HAND PUMP	1.41	Potable
366	NTR	Tiruvuru	Kakarla	Malapalli	Csi School/Church	HAND PUMP	2.48	POTABLE DRINKING WATER SUPPLYING THROUGH PWS AT KAKARLA.
367	NTR	Tiruvuru	Kakarla	Malapalli	Malapalli	DIRECT PUMPING	1.5	Potable
368	NTR	Tiruvuru	Kakarla	Malapalli	Meri House (Near Pullaiah)	HAND PUMP	1.96	POTABLE DRINKING WATER SUPPLYING THROUGH PWS AT KAKARLA.
369	NTR	Tiruvuru	Kakarla	Malapalli	M.Pasi House	HAND PUMP	1.39	Potable
370	NTR	Tiruvuru	Kakarla	Malapalli	Bogam Doctor	HAND PUMP	2.2	POTABLE DRINKING WATER SUPPLYING THROUGH PWS AT KAKARLA.
371	NTR	Tiruvuru	Kakarla	Malapalli	Vijay Milk Booth Main Centre	HAND PUMP	1.91	POTABLE DRINKING WATER SUPPLYING THROUGH PWS AT KAKARLA.

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
372	NTR	Tiruvuru	Kakarla	Malapalli	Rcm Church	HAND PUMP	2.2	POTABLE DRINKING WATER SUPPLYING THROUGH PWS AT KAKARLA.
373	NTR	Tiruvuru	Kakarla	H/Wada	Near A.W.C	HAND PUMP	1.04	Potable
374	NTR	Tiruvuru	Kakarla	H/Wada	Kanaparathi Rajendra Prasad	HAND PUMP	1.10	Potable
375	NTR	Tiruvuru	Kakarla	H/Wada	Kota Kondalarao	HAND PUMP	1.21	Potable
376	NTR	Tiruvuru	Kakarla	H/Wada	H/Wada Centre	HAND PUMP	0.94	Potable
377	NTR	Tiruvuru	Kakarla	H/Wada	R&B Road Centre	HAND PUMP	2.0	POTABLE DRINKING WATER SUPPLYING THROUGH PWS AT KAKARLA.
378	NTR	Tiruvuru	Kakarla	H/Wada	Near R.B.K	DIRECT PUMPING	1.19	Potable
379	NTR	Tiruvuru	Kakarla	H/Wada	Kota Viswanadham House	HAND PUMP	1.5	Potable
380	NTR	Tiruvuru	Kakarla	H/Wada	Kanaparathi Aadam	HAND PUMP	1.21	Potable
381	NTR	Tiruvuru	Kakarla	H/Wada	Venkata Krishna	DIRECT PUMPING	0.65	Potable
382	NTR	Tiruvuru	Kakarla	H/Wada	Malladi Rambabu	HAND PUMP	1.5	Potable
383	NTR	Vatsavai	Makkapeta	Makkapeta	Veternary Hospital	HAND PUMP	0.91	Potable
384	NTR	Vatsavai	Makkapeta	Makkapeta	Zphs School	HAND PUMP	0.64	Potable
385	NTR	Vatsavai	Makkapeta	Makkapeta	Health Center	HAND PUMP	0.72	Potable
386	NTR	Vatsavai	Makkapeta	Makkapeta	Bus Stop	HAND PUMP	0.86	Potable
387	NTR	Vatsavai	Makkapeta	Makkapeta	Panchayat Office	HAND PUMP	1.09	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
388	NTR	Vatsavai	Makkapeta	Makkapeta	Ramalayam	HAND PUMP	0.65	Potable
389	NTR	Vatsavai	Makkapeta	Makkapeta	Water Plant Jangallapalli	HAND PUMP	1.27	Potable
390	NTR	Vatsavai	Makkapeta	Makkapeta	Pelluri Sarangam	HAND PUMP	1.24	Potable
391	NTR	Vatsavai	Makkapeta	Bc Colony	Gopinenipalem Road Side	HAND PUMP	1.21	Potable
392	NTR	Vatsavai	Makkapeta	Makkapeta	Makkapeta	CPWS	0.48	Potable
393	NTR	Vatsavai	Makkapeta	Bc Colony	Housing Colony 2	HAND PUMP	1.07	Potable
394	NTR	Vatsavai	Makkapeta	Bc Colony	Housing Colony 3	HAND PUMP	0.91	Potable
395	NTR	Vatsavai	Makkapeta	Makkapeta	Sivalayam	Bore Well	1.47	Potable
396	NTR	Vatsavai	Makkapeta	Sc Colony	Ravikumar	HAND PUMP	0.7	Potable
397	NTR	Vatsavai	Makkapeta	Sc Colony	Wilson	HAND PUMP	0.97	Potable
398	NTR	Vatsavai	Makkapeta	St Colony	Ramath	HAND PUMP	0.75	Potable
399	NTR	Vatsavai	Makkapeta	St Colony	Ramdas	HAND PUMP	0.25	Potable
400	NTR	Vatsavai	Makkapeta	Bc Colony	E.Chakradar Rao	HAND PUMP	1.1	Potable
401	NTR	Vatsavai	Makkapeta	Bc Colony	R&B Road Side	HAND PUMP	1.02	Potable
402	NTR	Vatsavai	Makkapeta	Bc Colony	Venkateswarlu	HAND PUMP	1.17	Potable
403	NTR	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Muthyalamma Temple	HAND PUMP	1.96	Potable Drinking Water Supplying though CPWS Scheme at Battinapadu

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
404	NTR	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Bonthu Srinivas Reddy	Borewell	2.25	Potable Drinking Water Supplying though CPWS Scheme at Battinapadu
405	NTR	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Rapa Reddy	HAND PUMP	1.92	Potable Drinking Water Supplying though CPWS Scheme at Battinapadu
406	NTR	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Chalamala Chowry Reddy	HAND PUMP	1.26	Potable
407	NTR	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Mp Ele School	Bore Well	2.25	Potable Drinking Water Supplying though CPWS Scheme at Battinapadu
408	NTR	Veerullapadu	Jagannadhapuram	Jagannadhapuram	At Mpp School	CPWS	0.6	Potable
409	NTR	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Jagannadhapuram	PWS	2.06	Potable Drinking Water Supplying though CPWS Scheme at Battinapadu
410	NTR	Veerullapadu		Jagannadhapuram	Old H/w	Hand Pump	1.06	Potable
411	Palnadu	Durgi	Durgi	Durgi	Near Old Scheme Well	PWS-1	0.95	Potable
412	Palnadu	Durgi	Durgi	Durgi	Sakalivari Veedhi	MPWS SCHEME	0.97	Potable
413	Palnadu	Durgi	Durgi	Durgi	Jandachattu	MPWS SCHEME	0.91	Potable
414	Palnadu	Durgi	Durgi	Durgi	Venugopala Swamy Temple	MPWS-1	0.79	Potable
415	Palnadu	Durgi	Durgi	Durgi	Budigi Jangala Colony	MPWS-2	0.95	Potable
416	Palnadu	Durgi	Durgi	Durgi	Old Age Home	DIRECT PUMPINGConverte	1.33	Potable
417	Palnadu	Durgi	Durgi	Durgi	Sivalayam	MPWS	0.95	Potable
418	Palnadu	Durgi	Durgi	Durgi	Mro Office	POPEN WELLERPUMP-1	0.96	Potable

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
419	Palnadu	Ipur	Muppalla	Muppalla	Rosaiah (H)	Bore well	1.75	Covered in MUPPALA PWS Scheme
420	Palnadu	Ipur	Muppalla	Muppalla	Sivalayam	Bore well	1.46	Potable
421	Palnadu	Ipur	Muppalla	Muppalla	Main Road	Bore well	1.37	Potable
422	Palnadu	Ipur	Muppalla	Muppalla	Milk Center	Bore well	2.19	Covered in MUPPALA PWS Scheme
423	Palnadu	Ipur	Muppalla	Muppalla	Milk Center (Back)	Bore well	1.76	Covered in MUPPALA PWS Scheme
424	Palnadu	Ipur	Muppalla	Muppalla	Ch. Laxminaryana	Bore well	1.85	Covered in MUPPALA PWS Scheme
425	Palnadu	Ipur	Muppalla	Muppalla	V. Santhaiah	Bore well	1.63	Covered in MUPPALA PWS Scheme
426	Palnadu	Ipur	Muppalla	Muppalla	B.Seethaiah	Bore well	1.82	Covered in MUPPALA PWS Scheme
427	Palnadu	Ipur	Muppalla	Muppalla	Muslim Street	Bore well	1.26	Potable
428	Palnadu	Ipur	Muppalla	Muppalla	P. Veeraiah	Bore well	2.15	Covered in MUPPALA PWS Scheme
429	Palnadu	Ipur	Muppalla	Muppalla	Chowdamma Temple	Bore well	1.83	Covered in MUPPALA PWS Scheme

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
430	Palnadu	Ipur	Muppalla	Muppalla	Chowdamma Temple	Bore well	2.17	Covered in MUPPALA PWS Scheme
431	Palnadu	Ipur	Muppalla	Muppalla	Chowdamma Bazar	Bore well	1.84	Covered in MUPPALA PWS Scheme
432	Palnadu	Ipur	Muppalla	Muppalla	K. Kondareddy	Bore well	2.30	Covered in MUPPALA PWS Scheme
433	Palnadu	Ipur	Muppalla	Muppalla	Anjaneya Temple	Bore well	2.30	Covered in MUPPALA PWS Scheme
434	Palnadu	Ipur	Muppalla	Muppalla	Vkd Bus Stop	Bore well	1.85	Covered in MUPPALA PWS Scheme
435	Palnadu	Ipur	Muppalla	Muppalla	M. Punnaiah Sc Colony	Bore well	1.46	Potable
436	Palnadu	Ipur	Muppalla	Muppalla	Ele. School	Bore well	2.19	Covered in MUPPALA PWS Scheme
437	Palnadu	Ipur	Muppalla	Muppalla	Chinakotaiah	Bore well	1.35	Potable
438	Palnadu	Ipur	Muppalla	Muppalla	Chandrasekhar	Bore well	1.72	Covered in MUPPALA PWS Scheme
439	Palnadu	Ipur	Muppalla	Muppalla	ChOPEN WELLdaiah Sc Colony	Bore well	1.25	Potable
440	Palnadu	Ipur	Muppalla	Muppalla	A. Yellamanda Bc Colony	Bore well	2.19	Covered in MUPPALA PWS Scheme

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
441	Palnadu	Ipur	Muppalla	Muppalla	C. Kotaiah	Bore well	1.92	Covered in MUPPALA PWS Scheme
442	Palnadu	Ipur	Muppalla	Muppalla	C. Kotaiah	Bore well	1.73	Covered in MUPPALA PWS Scheme
443	Palnadu	Ipur	Muppalla	Muppalla	Rice Mill Back	Bore well	1.31	Potable
444	Palnadu	Ipur	Muppalla	Muppalla	Sivalayam Back	Bore well	1.80	Covered in MUPPALA PWS Scheme
445	Palnadu	Ipur	Muppalla	Muppalla	Sivalayam Bazar	Bore well	1.69	Covered in MUPPALA PWS Scheme
446	Palnadu	Ipur	Muppalla	Muppalla	Gangamma Temple	Bore well	2.15	Covered in MUPPALA PWS Scheme
447	Palnadu	Ipur	Muppalla	Muppalla	Sc Colony	Bore well	1.22	Potable
448	Palnadu	Ipur	Muppalla	Muppalla	Sivalayam Back	Bore well	1.77	Covered in MUPPALA PWS Scheme
449	Palnadu	Ipur	Muppalla	Muppalla	Sivlayam Bazar	Bore well	2.30	Covered in MUPPALA PWS Scheme
450	Palnadu	Ipur	Muppalla	Muppalla	B. Venkateswarlu (H)	Bore well	2.17	Covered in MUPPALA PWS Scheme
451	Palnadu	Ipur	Muppalla	Muppalla	Chowdeswari deswari Temple	Bore well	1.47	Potable
452	Palnadu	Ipur	Muppalla	Muppalla	Ele. School	Bore well	0.87	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
453	Palnadu	Krosuru	Peesapadu	Peesapadu	R&B Road Side	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
454	Palnadu	Krosuru	Peesapadu	Peesapadu	Krishna Murthi House	DIRECT PUMPING	2.1	Alternate potable hand pump water supplied from 1.5KM away from village
455	Palnadu	Krosuru	Peesapadu	Peesapadu	John Saida House	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
456	Palnadu	Krosuru	Peesapadu	Peesapadu	Yeshobu	DIRECT PUMPING	2.09	Alternate potable hand pump water supplied from 1.5KM away from village
457	Palnadu	Krosuru	Peesapadu	Peesapadu	Gp Office	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
458	Palnadu	Krosuru	Peesapadu	Peesapadu	Pandu House	DIRECT PUMPING	1.85	Alternate potable hand pump water supplied from 1.5KM away from village
459	Palnadu	Krosuru	Peesapadu	Peesapadu	K Ramaiah House	DIRECT PUMPING	2.1	Alternate potable hand pump water supplied from 1.5KM away from village
460	Palnadu	Krosuru	Peesapadu	Peesapadu	Ele School Sc	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
461	Palnadu	Krosuru	Peesapadu	Peesapadu	Bc Colony	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
462	Palnadu	Krosuru	Peesapadu	Peesapadu	Muslim Colony	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
463	Palnadu	Krosuru	Peesapadu	Peesapadu	Bc Area	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
464	Palnadu	Krosuru	Peesapadu	Peesapadu	Sk.Peda John Saida	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
465	Palnadu	Krosuru	Peesapadu	Peesapadu	Maseedh	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
466	Palnadu	Krosuru	Peesapadu	Peesapadu	Opposite Pala Kendram	DIRECT PUMPING	2.3	Alternate potable hand pump water supplied from 1.5KM away from village
467	Palnadu	Krosuru	Peesapadu	Peesapadu	Sk.Esub	DIRECT PUMPING	1.91	Alternate potable hand pump water supplied from 1.5KM away from village
468	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Mariyadasu Hw	DIRECT PUMPING	1.69	Covered in Thummalacheruvu PWS Scheme
469	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Near Sbi Bank	DIRECT PUMPING	1.83	Covered in Thummalacheruvu PWS Scheme
470	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	P Venkatareddy Huse	DIRECT PUMPING	1.78	Covered in Thummalacheruvu PWS Scheme
471	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Valmiki Colony	DIRECT PUMPING	1.76	Covered in Thummalacheruvu PWS Scheme
472	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Thalakala Bazar	DIRECT PUMPING	1.87	Covered in Thummalacheruvu PWS Scheme

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
473	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Mpes School	DIRECT PUMPING	1.35	Potable
474	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Burrivari Bazar	DIRECT PUMPING	1.22	Potable
475	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Peddi Raju	DIRECT PUMPING	1.60	Covered in Thummalacheruvu PWS Scheme
476	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Peerla Chavidi	DIRECT PUMPING	1.73	Covered in Thummalacheruvu PWS Scheme
477	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	GOPEN WELL Das Bazar	DIRECT PUMPING	1.87	Covered in Thummalacheruvu PWS Scheme
478	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Zp High School	DIRECT PUMPING	1.92	Covered in Thummalacheruvu PWS Scheme
479	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Pinnelli Donka	DIRECT PUMPING	2.29	Covered in Thummalacheruvu PWS Scheme
480	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	G Saidulu	DIRECT PUMPING	1.79	Covered in Thummalacheruvu PWS Scheme
481	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Near Water Tank	DIRECT PUMPING	1.59	Covered in Thummalacheruvu PWS Scheme
482	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Eduga	DIRECT PUMPING	2.12	Covered in Thummalacheruvu PWS Scheme
483	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Vajramma House	DIRECT PUMPING	1.03	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
484	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Sathamma House	DIRECT PUMPING	1.66	Covered in Thummalacheruvu PWS Scheme
485	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Janakamma Colony	DIRECT PUMPING	2.08	Covered in Thummalacheruvu PWS Scheme
486	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	State Highway Thummalacheruvu	DIRECT PUMPING	1.52	Covered in Thummalacheruvu PWS Scheme
487	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Hindu Burrial Ground	DIRECT PUMPING	1.88	Covered in Thummalacheruvu PWS Scheme
488	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Sc Colony Dasari Vijayamma	DIRECT PUMPING	1.64	Covered in Thummalacheruvu PWS Scheme
489	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	St Colony Near Ramulu H	DIRECT PUMPING	1.77	Covered in Thummalacheruvu PWS Scheme
490	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Karalapadu Donka	DIRECT PUMPING	2.02	Covered in Thummalacheruvu PWS Scheme
491	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Kummari Ammu H Matapalli	DIRECT PUMPING	0.88	Potable
492	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	112/0 State Highway	DIRECT PUMPING	1.99	Covered in Thummalacheruvu PWS Scheme
493	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Near Boddurai Centre	DIRECT PUMPING	1.85	Covered in Thummalacheruvu PWS Scheme

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
494	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Arikatla Sitarami Reddy	DIRECT PUMPING	1.77	Covered in Thummalacheruvu PWS Scheme
495	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Anguluri Gurumurthy House	DIRECT PUMPING	2.08	Covered in Thummalacheruvu PWS Scheme
496	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Zp School Ride Side	DIRECT PUMPING	2.12	Covered in Thummalacheruvu PWS Scheme
497	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Ramalayam Temple	DIRECT PUMPING	2.00	Covered in Thummalacheruvu PWS Scheme
498	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Sayed Bude	DIRECT PUMPING	0.63	Potable
499	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Anganwadi School	DIRECT PUMPING	2.07	Covered in Thummalacheruvu PWS Scheme
500	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Shaik Hussainsa	DIRECT PUMPING	1.92	Covered in Thummalacheruvu PWS Scheme
501	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Bus Stand	DIRECT PUMPING	2.01	Covered in Thummalacheruvu PWS Scheme
502	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Harijanawada Ele School	DIRECT PUMPING	0.85	Potable
503	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Samson Old Harijanawada	DIRECT PUMPING	2.03	Covered in Thummalacheruvu PWS Scheme
504	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Buri Lachireddy	DIRECT PUMPING	1.48	Potable
505	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	St Peram Kotaiah	DIRECT PUMPING	1.28	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
506	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Janakamma Colony	DIRECT PUMPING	1.37	Potable
507	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Kopuri Appaiah	DIRECT PUMPING	1.02	Potable
508	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Gali Babu	DIRECT PUMPING	1.08	Potable
509	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Popuri Appaiah	DIRECT PUMPING	1.93	Covered in Thummalacheruvu PWS Scheme
510	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Poleramma Temple GOPEN WELLDas-2	DIRECT PUMPING	1.88	Covered in Thummalacheruvu PWS Scheme
511	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Elementry School-2	DIRECT PUMPING	2.02	Covered in Thummalacheruvu PWS Scheme
512	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Dandelu	DIRECT PUMPING	1.66	Covered in Thummalacheruvu PWS Scheme
513	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Seyad Gamalapadu Pulliah	DIRECT PUMPING	1.75	Covered in Thummalacheruvu PWS Scheme
514	Palnadu	Piduguralla	Thummalacheruvu	Thummalacheruvu	Ele School	DIRECT PUMPING	2.00	Covered in Thummalacheruvu PWS Scheme
515	Palnadu	Machavaram	Morjampadu	Morjampadu	Ankiraju Doddi	DIRECT PUMPING	1.39	Potable
516	Palnadu	Machavaram	Morjampadu	Morjampadu	Thanda Mahalakshmi Gudi	DIRECT PUMPING	1.74	Covered in Morjampadu CPWS Scheme
517	Palnadu	Machavaram	Morjampadu	Morjampadu	Sc Colony Macherla Yesobu	DIRECT PUMPING	1.25	Potable
518	Palnadu	Machavaram	Morjampadu	Morjampadu	Chandala Yalamanda	DIRECT PUMPING	0.62	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
519	Palnadu	Machavaram	Morjampadu	Morjampadu	S Jagannadham	DIRECT PUMPING	1.86	Covered in Morjampadu CPWS Scheme
520	Palnadu	Machavaram	Morjampadu	Morjampadu	Thanda Megavath Srinu Naik	DIRECT PUMPING	1.68	Covered in Morjampadu CPWS Scheme
521	Palnadu	Machavaram	Morjampadu	Morjampadu	Burre Mannaiah	DIRECT PUMPING	1.13	Potable
522	Palnadu	Machavaram	Morjampadu	Morjampadu	Sc Colony	DIRECT PUMPING	1.60	Covered in Morjampadu CPWS Scheme
523	Palnadu	Machavaram	Morjampadu	Morjampadu	Nallam Narasimharao	DIRECT PUMPING	1.47	Potable
524	Palnadu	Machavaram	Morjampadu	Morjampadu	Karanam Gari Bavi	DIRECT PUMPING	0.88	Potable
525	Palnadu	Machavaram	Morjampadu	Morjampadu	Mpp School Main	DIRECT PUMPING	1.56	Covered in Morjampadu CPWS Scheme
526	Palnadu	Machavaram	Morjampadu	Morjampadu	Devadnam House	DIRECT PUMPING	0.69	Potable
527	Palnadu	Machavaram	Morjampadu	Morjampadu	R Koteswararao	DIRECT PUMPING	0.99	Potable
528	Palnadu	Machavaram	Morjampadu	Morjampadu	Bakkireddy Bavi	DIRECT PUMPING	1.24	Potable
529	Palnadu	Machavaram	Morjampadu	Morjampadu	Sc Colony Parem Raju	DIRECT PUMPING	1.58	Covered in Morjampadu CPWS Scheme
530	Palnadu	Machavaram	Morjampadu	Morjampadu	Thanda Megavath Sivanaik	DIRECT PUMPING	1.75	Covered in Morjampadu CPWS Scheme
531	Palnadu	Machavaram	Morjampadu	Morjampadu	Rokkam Rajendra Reddy	DIRECT PUMPING	1.78	Covered in Morjampadu CPWS Scheme

Annexure - B								
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023								
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
532	Palnadu	Machavaram	Morjampadu	Morjampadu	Govindamma Temple	DIRECT PUMPING	1.48	Potable
533	Palnadu	Machavaram	Morjampadu	Morjampadu	Sivalayam Temple	DIRECT PUMPING	1.56	Covered in Morjampadu CPWS Scheme
534	Palnadu	Machavaram	Morjampadu	Morjampadu	G Kondalu H	DIRECT PUMPING	1.78	Covered in Morjampadu CPWS Scheme
535	Palnadu	Machavaram	Morjampadu	Morjampadu	Yelagal Yesaiah	DIRECT PUMPING	1.32	Potable
536	Palnadu	Machavaram	Morjampadu	Morjampadu	St Colony Tirupathamma	DIRECT PUMPING	1.27	Potable
537	Palnadu	Machavaram	Morjampadu	Morjampadu	Near Mpele School R&B Road	DIRECT PUMPING	1.34	Potable
538	Palnadu	Machavaram	Morjampadu	Morjampadu	Pattipatamma Temple	DIRECT PUMPING	0.93	Potable
539	Palnadu	Machavaram	Morjampadu	Morjampadu	G Anantharamaiah H	DIRECT PUMPING	0.44	Potable
540	Palnadu	Machavaram	Morjampadu	Morjampadu	Kn Rao House At Yadava Garu	DIRECT PUMPING	0.60	Potable
541	Palnadu	Machavaram	Morjampadu	Morjampadu	St Colony Primary School	DIRECT PUMPING	1.16	Potable
542	Palnadu	Machavaram	Morjampadu	Morjampadu	Chandra Naik St	DIRECT PUMPING	1.26	Potable
543	Palnadu	Machavaram	Morjampadu	Morjampadu	ChOPEN WELLdamma Temple	DIRECT PUMPING	1.13	Potable
544	Palnadu	Machavaram	Morjampadu	Morjampadu	Gangamma Temple	DIRECT PUMPING	1.26	Potable
545	Palnadu	Machavaram	Morjampadu	Morjampadu	Sc Colony Church Beside	DIRECT PUMPING	1.11	Potable
546	Palnadu	Machavaram	Morjampadu	Morjampadu	M Venkateswarlu H	DIRECT PUMPING	0.59	Potable
547	Palnadu	Machavaram	Morjampadu	Morjampadu	Weavers Colony	DIRECT PUMPING	1.37	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
548	Palnadu	Machavaram	Morjampadu	Morjampadu	Venkateswara Swamy Temple	DIRECT PUMPING	1.40	Potable
549	Palnadu	Machavaram	Morjampadu	Morjampadu	Thalluri Venkatwswarlu	DIRECT PUMPING	0.73	Potable
550	Palnadu	Machavaram	Morjampadu	Morjampadu	Sivaramaiah House	DIRECT PUMPING	1.42	Potable
551	Palnadu	Machavaram	Morjampadu	Morjampadu	Near Rbk-1	DIRECT PUMPING	0.58	Potable
552	Palnadu	Machavaram	Morjampadu	Morjampadu	Near Rbk-2	DIRECT PUMPING	0.69	Potable
553	Palnadu	Machavaram	Morjampadu	Morjampadu	Hindu Burrial Ground	DIRECT PUMPING	0.99	Potable
554	Palnadu	Machavaram	Morjampadu	Morjampadu	Beside Mpps Main	DIRECT PUMPING	0.74	Potable
555	Palnadu	Machavaram	Morjampadu	Morjampadu	St Colony	DIRECT PUMPING	0.42	Potable
556	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Veternary Hospital	DIRECT PUMPING	1.16	Potable
557	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Up School	DIRECT PUMPING	1.21	Potable
558	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Maszd	DIRECT PUMPING	1.14	Potable
559	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Alluri Bhimudu House	DIRECT PUMPING	1.08	Potable
560	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	N.Rangaiah House	DIRECT PUMPING	1.12	Potable
561	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Sk.Chinasaheb	DIRECT PUMPING	1.5	Potable
562	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Ramappa (Malapalli)	DIRECT PUMPING	1.44	Potable
563	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Bhattirajula Colony	DIRECT PUMPING	1.26	Potable
564	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	K.Joshi House	DIRECT PUMPING	1.32	Potable
565	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Ele School	DIRECT PUMPING	1.44	Potable

Annexure - B									
Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023									
Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks	
566	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Sts Vadderas	DIRECT PUMPING	1.18	Potable	
567	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Mahilamandali	DIRECT PUMPING	0.98	Potable	
568	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Battarajula Colony	DIRECT PUMPING	0.94	Potable	
569	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Ramireddy House	DIRECT PUMPING	0.82	Potable	
570	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Erukala Colony	DIRECT PUMPING	1.04	Potable	
571	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Pichireddy House	DIRECT PUMPING	1.16	Potable	
572	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	K.Nagaiah (Malapalli) H.	DIRECT PUMPING	1.36	Potable	
573	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Erukala Colony(P.Kotes)	DIRECT PUMPING	1.24	Potable	
574	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Muslims(Sk.Karimulla)	DIRECT PUMPING	1.18	Potable	
575	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Sk.Chinasaida	DIRECT PUMPING	1.04	Potable	
576	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Madigapalli	Hand pump	1.62	Not used for drinking purpose , provided water through PWS/CPWS Schemes	
577	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Village	Hand pump	1.58	Not used for drinking purpose , provided water through PWS/CPWS Schemes	
578	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Smasanam	Hand pump	1.42	Potable	
579	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Batrjula Colony	Hand pump	1.36	Potable	
580	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	U.P. School	Hand pump	1.46	Potable	
581	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Near Church	Hand pump	1.38	Potable	

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
582	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	N.Subbulu House	Hand pump	1.48	Potable
583	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Yelamanda (H)	Hand pump	1.78	Covered in Santhagudipadu PWS Scheme
584	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Vaddares	Hand pump	1.76	Covered in Santhagudipadu PWS Scheme
585	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Thurupu Bazar	Hand pump	1.88	Covered in Santhagudipadu PWS Scheme
586	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Vaddera Bazaar	Hand pump	1.92	Covered in Santhagudipadu PWS Scheme
587	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Venkataramaiah House	Hand pump	1.86	Covered in Santhagudipadu PWS Scheme
588	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Milk Center	Hand pump	1.74	Covered in Santhagudipadu PWS Scheme
589	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	St Colony	Hand pump	1.68	Covered in Santhagudipadu PWS Scheme
590	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Near Library	Hand pump	1.58	Covered in Santhagudipadu PWS Scheme
591	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Burrial Ground	Hand pump	1.42	Potable
592	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Sc Colony	Hand pump	1.36	Potable
593	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Muslims Area	Hand pump	1.48	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
594	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Sc Colony	Hand pump	1.5	Potable
595	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Thirupathamma Temple	Hand pump	1.54	Covered in Santhagudipadu PWS Scheme
596	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	New Sc Colony	Hand pump	1.47	Potable
597	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	New Bc Colony	Hand pump	1.62	Covered in Santhagudipadu PWS Scheme
598	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Balavikas	Hand pump	1.64	Covered in Santhagudipadu PWS Scheme
599	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Bc Colony	Hand pump	1.72	Covered in Santhagudipadu PWS Scheme
600	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Bc Colony 1	Hand pump	1.84	Covered in Santhagudipadu PWS Scheme
601	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Sc Colony	Hand pump	1.92	Covered in Santhagudipadu PWS Scheme
602	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Sc Colony Dasu House	Hand pump	1.64	Covered in Santhagudipadu PWS Scheme
603	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Yerukala Colony School	Hand pump	1.84	Covered in Santhagudipadu PWS Scheme
604	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Y.Pullaiah (H)	Hand pump	1.38	Potable
605	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	St Colony	Hand pump	1.26	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
606	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Near Sahara Bank	Hand pump	1.21	Potable
607	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Near Church	OPEN WELL	1.12	Potable
608	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	N.Venkaiah(H)	OPEN WELL	1.04	Potable
609	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	G.Guravaiah(H)	OPEN WELL	1.08	Potable
610	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Z.P.Hs.School	OPEN WELL	1.12	Potable
611	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	S.T.Colony	OPEN WELL	1.27	Potable
612	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Old Madras Road	OPEN WELL	1.34	Potable
613	Palnadu	Rompicherla	Santhagudipadu	Santhagudipadu	Santhagudipadu	PWS	0.5	Potable
614	Palnadu	Rompicherla	Rompicherla	Rompicherla	Colony School Back	HAND PUMP	1.76	Covered in Rompicherla PWS Scheme
615	Palnadu	Rompicherla	Rompicherla	Rompicherla	Main Road	HAND PUMP	1.82	Covered in Rompicherla PWS Scheme
616	Palnadu	Rompicherla	Rompicherla	Rompicherla	Church	HAND PUMP	1.96	Covered in Rompicherla PWS Scheme
617	Palnadu	Rompicherla	Rompicherla	Rompicherla	President House	HAND PUMP	1.68	Covered in Rompicherla PWS Scheme
618	Palnadu	Rompicherla	Rompicherla	Rompicherla	Rajakas Street	HAND PUMP	1.5	Potable
619	Palnadu	Rompicherla	Rompicherla	Rompicherla	New Housing Colony	HAND PUMP	1.96	Covered in Rompicherla PWS Scheme

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
620	Palnadu	Rompicherla	Rompicherla	Rompicherla	New Housing Colony	HAND PUMP	1.84	Covered in Rompicherla PWS Scheme
621	Palnadu	Rompicherla	Rompicherla	Rompicherla	Mro Office	HAND PUMP	1.42	Potable
622	Palnadu	Rompicherla	Rompicherla	Rompicherla	Bus Stop	HAND PUMP	1.18	Potable
623	Palnadu	Rompicherla	Rompicherla	Rompicherla	Colony School Back	HAND PUMP	1.48	Potable
624	Palnadu	Rompicherla	Rompicherla	Rompicherla	Dasula Bazar	HAND PUMP	1.34	Potable
625	Palnadu	Rompicherla	Rompicherla	Rompicherla	High School	HAND PUMP	1.26	Potable
626	Palnadu	Rompicherla	Rompicherla	Rompicherla	Colony School East	HAND PUMP	1.18	Potable
627	Palnadu	Rompicherla	Rompicherla	Rompicherla	Colony School West	HAND PUMP	1.12	Potable
628	Palnadu	Rompicherla	Rompicherla	Rompicherla	Colony	HAND PUMP	1.08	Potable
629	Palnadu	Rompicherla	Rompicherla	Rompicherla	Police Station	HAND PUMP	1.36	Potable
630	Palnadu	Rompicherla	Rompicherla	Rompicherla	Near Mdo Office	HAND PUMP	1.42	Potable
631	Palnadu	Rompicherla	Rompicherla	Rompicherla	Boddurai	HAND PUMP	1.5	Potable
632	Palnadu	Rompicherla	Rompicherla	Rompicherla	Madigapalli	HAND PUMP	1.68	Covered in Rompicherla PWS Scheme
633	Palnadu	Rompicherla	Rompicherla	Rompicherla	Near Bridge	HAND PUMP	1.92	Covered in Rompicherla PWS Scheme
634	Palnadu	Rompicherla	Rompicherla	Rompicherla	Colony Bridge Last	HAND PUMP	1.08	Potable
635	Palnadu	Rompicherla	Rompicherla	Rompicherla	Gp Office	HAND PUMP	1.14	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
636	Palnadu	Rompicherla	Rompicherla	Rompicherla	Toogatia Bazar	HAND PUMP	1.28	Potable
637	Palnadu	Rompicherla	Rompicherla	Rompicherla	Village	HAND PUMP	1.34	Potable
638	Palnadu	Rompicherla	Rompicherla	Rompicherla	Village	HAND PUMP	1.12	Potable
639	Palnadu	Rompicherla	Rompicherla	Rompicherla	Barrial Ground	HAND PUMP	1.08	Potable
640	Palnadu	Rompicherla	Rompicherla	Rompicherla	K.Kotireddy	HAND PUMP	1.28	Potable
641	Palnadu	Rompicherla	Rompicherla	Rompicherla	P.Lingaeswararao	HAND PUMP	1.32	Potable
642	Palnadu	Rompicherla	Rompicherla	Rompicherla	Sk.Ammed Saheb	HAND PUMP	1.44	Potable
643	Palnadu	Rompicherla	Rompicherla	Rompicherla	Rajula Houses	HAND PUMP	1.22	Potable
644	Palnadu	Rompicherla	Rompicherla	Rompicherla	Dasula Bazaar	HAND PUMP	1.38	Potable
645	Palnadu	Rompicherla	Rompicherla	Rompicherla	Bus Stop	HAND PUMP	1.96	Covered in Rompicherla PWS Scheme
646	Palnadu	Rompicherla	Rompicherla	Rompicherla	Mro Office	HAND PUMP	1.72	Covered in Rompicherla PWS Scheme
647	Palnadu	Rompicherla	Rompicherla	Rompicherla	Mpes(St)	HAND PUMP	1.86	Covered in Rompicherla PWS Scheme
648	Palnadu	Rompicherla	Rompicherla	Rompicherla	Mpes(Bc)	HAND PUMP	1.78	Covered in Rompicherla PWS Scheme
649	Palnadu	Rompicherla	Rompicherla	Rompicherla	Veternary Hospital	HAND PUMP	1.92	Covered in Rompicherla PWS Scheme

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
650	Palnadu	Rompicherla	Rompicherla	Rompicherla	Ricemill	HAND PUMP	1.88	Covered in Rompicherla PWS Scheme
651	Palnadu	Rompicherla	Rompicherla	Rompicherla	Mpes	HAND PUMP	1.68	Covered in Rompicherla PWS Scheme
652	Palnadu	Rompicherla	Rompicherla	Rompicherla	Bc Colony	HAND PUMP	1.5	Potable
653	Palnadu	Rompicherla	Rompicherla	Rompicherla	Ramaiah House	HAND PUMP	1.48	Potable
654	Palnadu	Rompicherla	Rompicherla	Rompicherla	Veterinary Hospital	HAND PUMP	1.32	Potable
655	Palnadu	Rompicherla	Rompicherla	Rompicherla	Postoffice	HAND PUMP	1.48	Potable
656	Palnadu	Rompicherla	Rompicherla	Rompicherla	Sc Colony	HAND PUMP	1.58	Covered in Rompicherla PWS Scheme
657	Palnadu	Rompicherla	Rompicherla	Rompicherla	Bc Colony	HAND PUMP	1.62	Covered in Rompicherla PWS Scheme
658	Palnadu	Rompicherla	Rompicherla	Rompicherla	Sc Colony	HAND PUMP	1.78	Covered in Rompicherla PWS Scheme
659	Palnadu	Rompicherla	Rompicherla	Rompicherla	Gottam Street	HAND PUMP	1.86	Covered in Rompicherla PWS Scheme
660	Palnadu	Rompicherla	Rompicherla	Rompicherla	Subba Reddy Colony	HAND PUMP	1.98	Covered in Rompicherla PWS Scheme
661	Palnadu	Rompicherla	Rompicherla	Rompicherla	Subbareddy Colony Subbaia	HAND PUMP	1.48	Potable
662	Palnadu	Rompicherla	Rompicherla	Rompicherla	Bc Colony Venkateswarlu H	HAND PUMP	1.34	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
663	Palnadu	Rompicherla	Rompicherla	Rompicherla	Boddurai	HAND PUMP	1.28	Potable
664	Palnadu	Rompicherla	Rompicherla	Rompicherla	Bc Colony Ramakrishna Hou	HAND PUMP	1.26	Potable
665	Palnadu	Rompicherla	Rompicherla	Rompicherla	I.Pitchaiah(H)	OPEN WELL	1.18	Potable
666	Palnadu	Rompicherla	Rompicherla	Rompicherla	@Boddurai	OPEN WELL	1.21	Potable
667	Palnadu	Rompicherla	Rompicherla	Rompicherla	Rajula Bazar	OPEN WELL	1.32	Potable
668	Palnadu	Rompicherla	Rompicherla	Rompicherla	G.Appaiah(H)	OPEN WELL	1.14	Potable
669	Palnadu	Rompicherla	Rompicherla	Rompicherla	Rompicherla	PWS	0.58	Potable
670	Palnadu	Rompicherla	Rompicherla	Rompicherla	Rompicherla	PWS	0.52	Potable
671	Palnadu	Vinukonda	G G Palem	G G Palem	Bus Stop	Bore well	2.15	Covered in GGPLAEM PWS Scheme
672	Palnadu	Vinukonda	G G Palem	G G Palem	Venkatesh	Bore well	2.11	Covered in GGPLAEM PWS Scheme
673	Palnadu	Vinukonda	G G Palem	G G Palem	Vilage	Bore well	1.37	Potable
674	Palnadu	Vinukonda	G G Palem	G G Palem	Colony 1	Bore well	1.96	Covered in GGPLAEM PWS Scheme
675	Palnadu	Vinukonda	G G Palem	G G Palem	Colony 2	Bore well	2.13	Covered in GGPLAEM PWS Scheme
676	Palnadu	Vinukonda	G G Palem	G G Palem	School	Bore well	1.85	Covered in GGPLAEM PWS Scheme

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
677	Palnadu	Vinukonda	G G Palem	G G Palem	Church	Bore well	1.68	Covered in GGPLAEM PWS Scheme
678	Palnadu	Vinukonda	G G Palem	G G Palem	Peddy Reddy	Bore well	2.19	Covered in GGPLAEM PWS Scheme
679	Palnadu	Vinukonda	G G Palem	G G Palem	P Subbarao	Bore well	2.05	Covered in GGPLAEM PWS Scheme
680	Palnadu	Vinukonda	G G Palem	G G Palem	K Jayarao	Bore well	2.17	Covered in GGPLAEM PWS Scheme
681	Palnadu	Vinukonda	G G Palem	G G Palem	Yogaiah	Bore well	2.07	Covered in GGPLAEM PWS Scheme
682	Palnadu	Vinukonda	G G Palem	G G Palem	Last Bazar	Bore well	2.13	Covered in GGPLAEM PWS Scheme
683	Palnadu	Vinukonda	G G Palem	G G Palem	Konkeru Vagu	PWS	0.87	Potable
684	Bapatata	Karamchedu	Daggubadu	Daggubadu	Near Head Works	PWS	0.90	Potable
685	Bapatata	Karamchedu	Daggubadu	Daggubadu	Village Entrance	Open well	1.02	Potable
686	Prakasam	Ardhaveedu	Velgalapaya	Velgalapaya	Bavi Near	PWS	1.08	Potable
687	Prakasam	Ardhaveedu	Velgalapaya	Velgalapaya	Bommilingam Road Side Vagu	MPWS	0.55	Potable
688	Prakasam	Ardhaveedu	Velgalapaya	Velgalapaya	Venkatapathi House	DIRECT PUMPING	1.01	Potable
689	Prakasam	Ardhaveedu	Velgalapaya	Velgalapaya	Sachivalayamu	DIRECT PUMPING	0.98	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
690	Prakasam	Ardhaveedu	Velgalapaya	Velgalapaya	Panchaiaithi Office	DIRECT PUMPING	0.74	Potable
691	Prakasam	Ardhaveedu	Velgalapaya	Velgalapaya	Cherch Near	DIRECT PUMPING	0.95	Potable
692	Prakasam	Ardhaveedu	Velgalapaya	Velgalapaya	Mpps School	DIRECT PUMPING	0.98	Potable
693	Prakasam	Ardhaveedu	Velgalapaya	Velgalapaya	Harijana Bavi	DIRECT PUMPING	0.61	Potable
694	Prakasam	Donakonda	P. Venkatapuram	P. Venkatapuram	Kondaiah House	HAND PUMP	1.50	Potable
695	Prakasam	Donakonda	P. Venkatapuram	P. Venkatapuram	Midle X. Palem	HAND PUMP	1.50	Potable
696	Prakasam	Donakonda	P. Venkatapuram	P. Venkatapuram	M.P.P School (S.C)	HAND PUMP	1.20	Potable
697	Prakasam	Donakonda	P. Venkatapuram	P. Venkatapuram	Harijanapalem (S.C)	HAND PUMP	2.20	Covered in Chandavaram CPWS Scheme
698	Prakasam	Donakonda	P. Venkatapuram	P. Venkatapuram	Near Ramalayam Temple P. Venkatapuram	HAND PUMP	1.30	Potable
699	Prakasam	Donakonda	Rudrasamudram	Rudrasamudram	M.P.Ele School (S.C)	HAND PUMP	1.70	Covered in Chandavaram CPWS Scheme
700	Prakasam	Donakonda	Rudrasamudram	Rudrasamudram	X.Palem	HAND PUMP	1.50	Potable
701	Prakasam	Donakonda	Rudrasamudram	Rudrasamudram	Yogaiah House	HAND PUMP	1.30	Potable
702	Prakasam	Donakonda	Rudrasamudram	Rudrasamudram	X.Palem Bus Stand	HAND PUMP	1.40	Potable
703	Prakasam	Donakonda	Rudrasamudram	Rudrasamudram	Kotamasu X.Palem	HAND PUMP	1.50	Potable
704	Prakasam	Donakonda	Rudrasamudram	Rudrasamudram	Padamata Vidi	HAND PUMP	1.70	Covered in Chandavaram CPWS Scheme
705	Prakasam	Donakonda	Rudrasamudram	Rudrasamudram	Mpp School R&B Road Side Rudrasamudaram	HAND PUMP	1.33	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
706	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Zphs School Opp	MPWS	0.74	Potable
707	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Zphs School	MPWS	0.82	Potable
708	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Radham	PWS	0.68	Potable
709	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Smasanam	PWS	0.47	Potable
710	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Sivalayam Back Side	MPWS	0.82	Potable
711	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Burujupalli Road Vanka	MPWS	0.98	Potable
712	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Chennakesava Temple	PWS	0.75	Potable
713	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Puli Subbarayudu House	MPWS	0.96	Potable
714	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Chalam Bavi	MPWS	0.48	Potable
715	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Kappalaguntha	MPWS	0.79	Potable
716	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Sirigiri Prasad	MPWS	0.86	Potable
717	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Rajaka Bazer	MPWS	0.41	Potable
718	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Ankalamma Temple	DIRECT PUMPING	0.25	Potable
719	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Sivalayam	DIRECT PUMPING	0.65	Potable
720	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Ramaswami Temple	DIRECT PUMPING	1.05	Potable
721	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Pedda Bavai	DIRECT PUMPING	0.56	Potable
722	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Valmiki Nagar	DIRECT PUMPING	1.40	Potable
723	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Near Cheruvu Mpps	DIRECT PUMPING	0.54	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
724	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Near Mpaps	MPWS	0.96	Potable
725	Prakasam	Giddalur	Mundlapadu	Mundlapadu	Vetnary Hospital	MPWS	0.41	Potable
726	Prakasam	H.M.Padu	Thimmareddypalli	Thimmareddypalli	S.C.Palem Field	PWS	1.24	Potable
727	Prakasam	H.M.Padu	Thimmareddypalli	Thimmareddypalli	Village	CPWS	0.60	Potable
728	Prakasam	H.M.Padu	Thimmareddypalli	Thimmareddypalli	Near Post Office	MPWS	1.40	Potable
729	Prakasam	H.M.Padu	Thimmareddypalli	Thimmareddypalli	Narayana Reddy House	HAND PUMP	1.80	K.K mitla CPWS Scheem source covered
730	Prakasam	H.M.Padu	Thimmareddypalli	Thimmareddypalli	Sbi	HAND PUMP	1.64	K.K mitla CPWS Scheem source covered
731	Prakasam	H.M.Padu	Thimmareddypalli	Thimmareddypalli	Village Center	HAND PUMP	2.20	K.K mitla CPWS Scheem source covered
732	Prakasam	H.M.Padu	Nandhanavanam	Nandhanavanam	Village	CPWS	0.60	Potable
733	Prakasam	H.M.Padu	Nandhanavanam	Nandhanavanam	Village	DIRECT PUMPING	1.32	Potable
734	Prakasam	H.M.Padu	Nandhanavanam	Nandhanavanam	Muslim Street	HAND PUMP	1.94	K.K mitla CPWS Scheem source covered
735	Prakasam	H.M.Padu	Nandhanavanam	Nandhanavanam	Rajaka Street	HAND PUMP	2.00	K.K mitla CPWS Scheem source covered
736	Prakasam	H.M.Padu	Nandhanavanam	Nandhanavanam	Tallavari Pali	HAND PUMP	1.72	K.K mitla CPWS Scheem source covered

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
737	Prakasam	H.M.Padu	Seetharampuram	Seetharampuram	Village	CPWS	0.54	Potable
738	Prakasam	H.M.Padu	Seetharampuram	Seetharampuram	Kasinayana Temple	HAND PUMP	1.38	Potable
739	Prakasam	H.M.Padu	Seetharampuram	Seetharampuram	Gopaiah House	HAND PUMP	1.90	K.K mitla CPWS Schem source covered
740	Prakasam	H.M.Padu	Seetharampuram	Seetharampuram	H Wada	HAND PUMP	2.10	K.K mitla CPWS Schem source covered
741	Prakasam	Konakanamitta	ChOPEN WELLtapalli	ChOPEN WELLtapalli	ChOPEN WELLtapalli	PWS	1.42	Potable
742	Prakasam	Konakanamitta	ChOPEN WELLtapalli	ChOPEN WELLtapalli	ChOPEN WELLtapalli	PWS	1.36	Potable
743	Prakasam	Kondapi	Kondapi	Kondapi	Kondapi	Cpws	0.58	Potable
744	Prakasam	Kurichedu	West Veerayapalem	Vengayapalem	G. Danaiah House	Bore well	2.00	Kurichedu CPWS Schem source covered
745	Prakasam	Kurichedu	West Veerayapalem	Vengayapalem	Bhramamgari Matam	Bore well	1.20	Potable
746	Prakasam	Kurichedu	West Veerayapalem	Vengayapalem	G.L.S.R (Cpws)	CPWS	0.50	Potable
747	Prakasam	Kurichedu	West Veerayapalem	Vengayapalem	Vengayapalem	Bore well	1.00	Potable
748	Prakasam	Markapur	Gajjalakonda	Gajjalakonda	Gajjalakonda	CPWS	1.01	Potable
749	Prakasam	Markapur	Gajjalakonda	Gajjalakonda	Gajjalakonda	PWS	1.29	Potable
750	Prakasam	Marripudi	Juvvigunta	Juvvigunta	Juvvigunta	pws	0.99	Potable
751	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	M.P.Ele School (Main)	Bore well	1.60	Mundlamur CPWS Schem source covered

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
752	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	Sivalayam Temple	Bore well	1.20	Potable
753	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	M.P.Ele School North Side	Bore well	1.40	Potable
754	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	Anganwadi School O.C-li	Bore well	1.30	Potable
755	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	Anjaneya Swamy Temple	Bore well	1.60	Mundlamur CPWS Scheem source covered
756	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	G.Venkateswarlu House	Bore well	1.90	Mundlamur CPWS Scheem source covered
757	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	N.Venkateswarlu House	Bore well	1.40	Potable
758	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	Opp POPEN WELLer Station U.M Puram	Bore well	1.50	Potable
759	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	Y. Rosaiah House	Bore well	1.40	Potable
760	Prakasam	Mundlamur	U.M. Puram	U.M. Puram	E. Subbulu	Bore well	1.30	Potable
761	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Chavidi	Hand pump	1.62	Guntupalli PWS Scheem covered
762	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Anganwadi	Hand pump	1.30	Potable
763	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Mpes	MVS	1.41	Potable
764	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Village	Hand pump	1.58	Guntupalli PWS Scheem covered
765	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Chavidi	PWS	1.28	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
766	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Rajakas	Hand pump	1.61	Guntupalli PWS Scheme covered
767	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Village	PWS	0.97	Potable
768	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Sc Colony	Hand pump	1.73	Guntupalli PWS Scheme covered
769	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Guntupalli	PWS	0.70	Potable
770	Prakasam	P.C.Palli	Guntupalli	Guntupalli	H.Wada	Direct pipping	1.65	Guntupalli PWS Scheme covered
771	Prakasam	P.C.Palli	Guntupalli	Guntupalli	X.Palem	Direct pipping	1.70	Guntupalli PWS Scheme covered
772	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Main Village	Hand pump	1.69	Guntupalli PWS Scheme covered
773	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Busstand	Hand pump	1.54	Guntupalli PWS Scheme covered
774	Prakasam	P.C.Palli	Guntupalli	Guntupalli	Zphs	MVS	1.38	Potable
775	Prakasam	Podili	Unnaguruvayapalem	Unnaguruvayapalem	Unnaguruvayapalem	CPWS	0.80	Potable
776	Prakasam	Podili	Uppalapadu	Uppalapadu	Uppalapadu	PWS	1.34	Potable
777	Prakasam	Podili	Uppalapadu	Uppalapadu	Uppalapadu	PWS	1.19	Potable
778	Prakasam	Podili	Katurivaripalem	Katurivaripalem	Katurivaripalem	CPWS	0.92	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
779	Prakasam	Podili	Katurivaripalem	Katurivaripalem	Katurivaripalem	PWS	1.17	Potable
780	Prakasam	Podili	Katurivaripalem	Katurivaripalem	Katurivaripalem	PWS	1.29	Potable
781	Prakasam	Ponnaluru	Malapadu	Malapadu	Malapadu	pws	1.00	Potable
782	Prakasam	Ponnaluru	Venkupalem	Venkupalem	Near Venkupalem	pws	1.10	Potable
783	Prakasam	Racherla	Yadavalli	Ankireddypalli	Yara Paddaya House	DIRECT PUMPING	1.05	Potable
784	Prakasam	Racherla	Yadavalli	Ankireddypalli	Urabavi Near	DIRECT PUMPING	1.09	Potable
785	Prakasam	Racherla	Yadavalli	Ankireddypalli	Sc Palam M Padhamavathi House	PWS	1.27	Potable
786	Prakasam	Racherla	Yadavalli	Ankireddypalli	Ohsr Near	OHSR	0.38	Potable
787	Prakasam	Tarlupadu	Thummalacheruvu	Thummalacheruvu	Thummalacheruvu	CPWS	0.85	Potable
788	Prakasam	Tarlupadu	Thummalacheruvu	Thummalacheruvu	Thummalacheruvu	PWS	1.41	Potable
789	Prakasam	Tarlupadu	Thummalacheruvu	Thummalacheruvu	Thummalacheruvu	PWS	1.09	Potable
790	Prakasam	Tripuranthakam	G. Ummadi Varam	G. Ummadi Varam	Beside Kg Road Side	PWS	1.24	Potable
791	Prakasam	Tripuranthakam	G. Ummadi Varam	G. Ummadi Varam	Ramalayam	MPWS	0.60	Potable
792	Prakasam	Tripuranthakam	G. Ummadi Varam	G. Ummadi Varam	SC Palem	HAND PUMP	1.50	Potable
793	Prakasam	Tripuranthakam	G. Ummadi Varam	G. Ummadi Varam	Dasari Colony	HAND PUMP	1.50	Potable
794	Prakasam	Tripuranthakam	G. Ummadi Varam	G. Ummadi Varam	Church	HAND PUMP	1.50	Potable
795	Prakasam	Tripuranthakam	G. Ummadi Varam	G. Ummadi Varam	Village	CPWS	0.60	Potable
796	Prakasam	Tripuranthakam	G. Ummadi Varam	G. Ummadi Varam	Panchayat Office	MPWS	1.40	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
797	Prakasam	Tripuranthakam	G. Ummadi Varam	Dupadu	Muslim Bajar	MPWS	1.32	Potable
798	Prakasam	Tripuranthakam	G. Ummadi Varam	Dupadu	Zph School	Deep Bore well	1.50	Potable
799	Prakasam	Tripuranthakam	G. Ummadi Varam	Dupadu	Mpe School	Deep Bore well	1.44	Potable
800	Prakasam	B. Peta	P. Venkatapuram	P. Venkatapuram	SC Palem	DIRECT PUMPING	1.31	Potable
801	Prakasam	B. Peta	P. Venkatapuram	P. Venkatapuram	Near Church	DIRECT PUMPING	0.64	Potable
802	Prakasam	B. Peta	P. Venkatapuram	P. Venkatapuram	MPS School	DIRECT PUMPING	0.48	Potable
803	Prakasam	B. Peta	P. Venkatapuram	P. Venkatapuram	Sivalayam	MPWS	1.05	Potable
804	Prakasam	B. Peta	P. Venkatapuram	P. Venkatapuram	Poleramma Temple	DIRECT PUMPING	0.98	Potable
805	Prakasam	B. Peta	P. Venkatapuram	P. Venkatapuram	High School	DIRECT PUMPING	0.74	Potable
806	Prakasam	B. Peta	P. Venkatapuram	P. Venkatapuram	SC Palem-2	DIRECT PUMPING	1.11	Potable
807	Prakasam	Veligandla	Doddichinthala	Doddichinthala	Ankalamma Temple	Hand Pump	1.64	Covered in Doddichinthala CPWS Scheme
808	Prakasam	Veligandla	Doddichinthala	Doddichinthala	Village	CPWS	0.80	Potable
809	Nellore	Chejarla	Nagulavellaturu	Nagulavellaturu	Nagulavellaturu	PWS [OHSR]	1.07	Potable
810	Nellore	Chejarla	Nagulavellaturu	Nagulavellaturu	H/W Chinnaiah	HAND PUMP	1.13	Potable
811	Nellore	Chejarla	Nagulavellaturu	Nagulavellaturu	Padamati Veedi	HAND PUMP	1.64	potable water supply through with NagulavellaturPWS scheme
812	Nellore	Chejarla	Nagulavellaturu	Nagulavellaturu	Near Mi Tank	DIRECT PUMPING	0.91	Potable

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Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
813	Nellore	Chejarla	Nagulavellaturu	Nagulavellaturu	Nagulavellaturu	PWS	1.41	Potable
814	Nellore	Chejarla	Nagulavellaturu	Nagulavellaturu	Zphs	HAND PUMP	1.89	potable water supply through with NagulavellaturPWS scheme
815	Nellore	Chejarla	Nagulavellaturu	Nagulavellaturu	Main Road	HAND PUMP	0.93	Potable
816	Nellore	Chejarla	Billupadu	Billupadu	Sc Colony	DIRECT PUMPING	0.80	potable
817	Nellore	Chejarla	Billupadu	Billupadu	Near Temple	HAND PUMP	1.43	Potable
818	Nellore	Chejarla	Billupadu	Billupadu	Nr.Mpup School	HAND PUMP	1.74	potable water supply through with Billupadu Direct pumping scheme
819	Nellore	Chejarla	Kalayapalem	Kalayapalem	Village	MPWS	1.30	Potable
820	Nellore	Chejarla	Kalayapalem	Kalayapalem	Sct Colony	HAND PUMP	0.92	Potable
821	Tirupati	Pakala	Vallivedu	Chandragirivaripalli St Colony	Cultivation	DIRECT PUMPING	0.75	Potable
822	Tirupati	Pakala	Vallivedu	Chandragirivaripalli	Gutta	GLSR	0.51	Potable
823	Tirupati	Pakala	Vallivedu	Vallivedu	Ananda Reddy House	DIRECT PUMPING	0.70	Potable
824	Tirupati	Pakala	Vallivedu	Vallivedu	Near Ohsr	DIRECT PUMPING	0.50	Potable
825	Tirupati	Chittampur	Aravapalem	Aravapalem	Village	MPWS	0.18	Potable
826	Tirupati	Chittampur	Aravapalem	Aravapalem	Village	PWS	0.40	Potable
827	Tirupati	Chittampur	Aravapalem	Aravapalem	Village	PWS	0.34	Potable
828	Tirupati	Chittampur	Aravapalem	Aravapalem	Temple New Pump	HAND PUMP	1.37	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
829	Tirupati	Chittamur	Aravapalem	Aravapalem	Zpph School	HAND PUMP	0.25	Potable
830	Tirupati	Chittamur	Aravapalem	Bayyavari Kandriga	Village	PWS	0.15	Potable
831	Tirupati	Chittamur	Aravapalem	Bayyavari Kandriga	Gunna Gunta	MPWS	1.00	Potable
832	Tirupati	Chittamur	Aravapalem	Chinna Darakasthu	Fields	MPWS	0.50	Potable
833	Annamayya	Chinnamandem	Chinnamandem	Chinnamandem	Village	PWS	1.5	Potable
834	Annamayya	Chinnamandem	Chinnamandem	Chinnamandem	Village	OHSR	1.08	Potable
835	Annamayya	Chinnamandem	Chinnamandem	Chinnamandem	Madana Palli Road	DIRECT PUMPING	0.92	Potable
836	Annamayya	Chinnamandem	Chinnamandem	Chinnamandem	Arab Street	DIRECT PUMPING	0.86	Potable
837	Annamayya	Chinnamandem	Chinnamandem	Chinnamandem	Santha Market	DIRECT PUMPING	0.96	Potable
838	Annamayya	Chinnamandem	Chinnamandem	Chinnamandem	HAND PUMPwell	DIRECT PUMPING	1.2	Potable
839	Ysr Kadapa	B. Mattam	Diguva Nelatur	Maligudipadu	Temple	DIRECT PUMPING	1.40	Potable
840	Ysr Kadapa	B. Mattam	Dirasavancha	ChOPEN WELLrapalli	Dirasavancha	MPWS	0.8	Potable
841	Ysr Kadapa	B. Mattam	Mallepalli	Mallepalli	Middle Of The Village	DIRECT PUMPING	1.45	Potable
842	Ysr Kadapa	B. Mattam	Mallepalli	Mallepalli	Gp Building	PWS	1.42	Potable
843	Ysr Kadapa	B. Mattam	Mallepalli	Mallepalli	Ramalinga Reddy	DIRECT PUMPING	1.44	Potable
844	Ysr Kadapa	B. Mattam	Somireddy Palli	Kandimallaya Palli	Near Park	DIRECT PUMPING	1.46	Potable
845	Ysr Kadapa	B. Mattam	Somireddy Palli	Kandimallaya Palli	Near Venkata Subbaiah	MPWS	1.48	Potable
846	Ysr Kadapa	B. Mattam	Somireddy Palli	Kandimallaya Palli	Near Arya Vysya Satram	MPWS	1.46	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
847	Ysr Kadapa	B.Mattam	Somireddy Palli	Kandimallaya Palli	Srinivasulu Reddy	DIRECT PUMPING	1.42	Potable
848	Ysr Kadapa	B.Mattam	Somireddy Palli	Kandimallaya Palli	Near Mdo Office	PWS	1.42	Potable
849	Ysr Kadapa	B.Mattam	Somireddy Palli	Kandimallaya Palli	Near Park	DIRECT PUMPING	1.30	Potable
850	Ysr Kadapa	B.Mattam	Somireddy Palli	Kandimallaya Palli	Prabhu Nagar	DIRECT PUMPING	1.45	Potable
851	Ysr Kadapa	B.Mattam	Somireddy Palli	Kandimallaya Palli	Brahamam Swami House	DIRECT PUMPING	1.40	Potable
852	Ysr Kadapa	Duvvur	Kanagudur	Kanagudur	Kc Canal	MPWS	0.83	Potable
853	Ysr Kadapa	Duvvur	Kanagudur	Kanagudur	Sivalayam	PWS	0.89	Potable
854	Ysr Kadapa	Duvvur	Kanagudur	Kanagudur	Sivalayam Aside	PWS	1.09	Potable
855	Ananthapuram	Kalyandurg	Kalyandurg	Kalyandurg	Near Bus Stand	PWS	1.01	Potable
856	Ananthapuram	Beluguppa	Seerpi	Virupapalli	B .C. Colony	PWS	1.47	Potable
857	Ananthapuram	Bukkarayasamudram	Korrapadu	Korrapadu	Sachivalayam Back Side	PWS	1.37	Potable
858	Ananthapuram	Gooty	Gooty	Gooty	Jagananna Lay Out	PWS	1.47	Potable
859	Sri Sathya Sai	Somandepalli	Gudipalli	Gudipalli	Near Tank Bund	Bore well	1.60	Alternative Potable Drinking water supply through provided by PWS Scheme near Tank bund and Second source by Road side
860	Sri Sathya Sai	Penukonda	Nagaluru	Nagaluru	Village Entrance	Bore well	0.64	Potable
861	Sri Sathya Sai	Chennekothapalli	Chennekothapalli	Chennekothapalli	Bc Colony	PWS	0.88	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
862	Sri Sathya Sai	Nallacheruvu	Oravoy	Maireddypalli	Village Outside	Bore well	1.56	Alternative Potable Drinking water supply through provided by PWS Scheme Near School Compound
863	Sri Sathya Sai	Tanakallu	Korthi Kota	Korthi Kota	Near Sachivalayam	Bore well	0.61	Potable
864	Sri Sathya Sai	Np Kunta	Mekalacheruvu	Mekalacheruvu	Middle Of Village	Bore well	1.41	Potable
865	Sri Sathya Sai	Talupula	Talupula	Talupula	Near School	Bore well	0.99	Potable
866	Sri Sathya Sai	Kadiri	Kadirikuntapalli	Alampur	Out Side Village	Bore well	1.58	Alternative Potable Drinking water supply through provided by PWS Scheme on Road side
867	Sri Sathya Sai	Chilamathur	Somagatta	Cheruvukinda Palli	Near Cheruvu	PWS	1.62	YSR Sujala Sravanthi Pathakam Mother Plant Chilamathur Mandal
868	Sri Sathya Sai	Gorantla	Kammavandlapalli	Kammavandlapalli	Near School	Bore well	1.74	YSR Sujala Sravanthi Pathakam Mother Plant Gorntla Mandal
869	Sri Sathya Sai	Gorantla	Gorantla	Kasireddy Palli	Near Vanka	Bore well	1.76	YSR Sujala Sravanthi Pathakam Mother Plant Gorntla Mandal
870	Sri Sathya Sai	Madakasira	Madakasira	Akkampalli	Near Cheruvu	PWS	1.45	Potable
871	Sri Sathya Sai	Madakasira	K . Gundumala	Kothulagutta	Near Anganawadi	PWS	1.71	Potable Drinking water supply through CPWS Scheme (Sri Rami Reddy Drinking water Project)
872	Sri Sathya Sai	Mudigubba	Malakavemula	Malakavemula	Vanka	PWS	1.58	Potable Drinking water supply through CPWS Scheme

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
873	Sri Sathya Sai	Amadagur	Mohammadabad	Mohammadabad	Road Side	PWS	1.62	Alternative Potable Drinking water supply through PWS Source provided by Amadagur Road side to Mohammadabad
874	Sri Sathya Sai	Obuladeveracheru	Thangedukunta	Thangedukunta	Kunta	PWS	1.27	Potable
875	Sri Sathya Sai	Puttaparthi	Cherlopalli	Kambalaparthi	Kunta	PWS	1.51	Potable Drinking water supply through RO Plant Provided by Sathya sai Trust Donors
876	Sri Sathya Sai	Bukkapatnam	Agraharam	Nayanavaripalli	Road Side	PWS	1.55	Potable Drinking water supply through PWS Scheme Near Old Elemtary School
877	Kurnool	Adoni	Doddanageri	Doddanageri	Near School	PWS	0.34	Potable
878	Kurnool	Adoni	Doddanageri	Doddanageri	Near School	PWS	0.28	Potable
879	Kurnool	Adoni	Doddanageri	Doddanageri	In The Village	PWS	0.42	Potable
880	Kurnool	Adoni	Naganathanahalli	Naganathanahalli	In The Village	PWS	0.44	Potable
881	Kurnool	Adoni	Naganathanahalli	Naganathanahalli	Naganathanahalli	CPWS	0.10	Potable
882	Kurnool	Halaharvi	Gulayam	Gulayam	Mpp School(K)	Hand Pump	1.45	Potable
883	Kurnool	Halaharvi	Gulayam	Gulayam	Gadlingeswara Temple	MPWS Scheme	0.83	Potable
884	Kurnool	Halaharvi	Gulayam	Gulayam	Zph School	Hand Pump	2.04	Covered through Alur CPWS Scheme
885	Kurnool	Halaharvi	Gulayam	Gulayam	Zph School	R.O Plant	0.08	Potable
886	Kurnool	Halaharvi	Gulayam	Gulayam	Zph School	CPWS Scheme	0.21	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
887	Kurnool	Halaharvi	Gulayam	Gulayam	Mpp School	CPWS Scheme	0.19	Potable
888	Kurnool	Halaharvi	Bapuram	Bapuram	Burrial Ground	Hand Pump	1.92	Covered through Alur CPWS Scheme
889	Kurnool	Halaharvi	Bapuram	Bapuram	Street 1	CPWS Scheme	0.18	Potable
890	Kurnool	Halaharvi	Bapuram	Bapuram	Mpup School	CPWS Scheme	0.22	Potable
891	Kurnool	Halaharvi	Bapuram	Bapuram	At Sachivalayam	CPWS Scheme	0.19	Potable
892	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Burrial Ground	Hand Pump	1.96	Covered through Virupapuram CPWS Scheme
893	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Near Darga	Hand Pump	2.12	Covered through Virupapuram CPWS Scheme
894	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Holagunda Cross	MPWS Scheme	1.46	Potable
895	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Near Cheruvu Katta	Hand Pump	1.35	Potable
896	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Near Cheruvu	PWS Scheme	1.25	Potable
897	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Mpp School	Hand Pump	1.80	Covered through Virupapuram CPWS Scheme

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 - 1.5) Mg/L	Remarks
898	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Mpp School	R.O Plant	0.23	Potable
899	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Zph School	Hand Pump	1.77	Covered through Virupapuram CPWS Scheme
900	Kurnool	Holagunda	Suluvoiy	Suluvoiy	Zph School	R.O Plant	0.25	Potable
901	Kurnool	Kowthalam	Bapuram	Bapuram	Rajanagar	PWS	1.05	Potable
902	Kurnool	Orvakal	Orvakal	Orvakal	Elementery School	PWS	0.84	Potable
903	Kurnool	Orvakal	Orvakal	Orvakal	Anjeneya Swamy Temple	PWS	0.83	Potable
904	Kurnool	Orvakal	Orvakal	Orvakal	Racha Katta	DIRECT PUMPING	0.86	Potable
905	Kurnool	Orvakal	Orvakal	Orvakal	Sc.Colony	DIRECT PUMPING	1.20	Potable
906	Kurnool	Orvakal	Orvakal	Orvakal	Penta Kanti Nagar	GLSR	0.95	Potable
907	Kurnool	Orvakal	Orvakal	Orvakal	Kalva Bugga	CPWS	0.93	Potable
908	Kurnool	Orvakal	Orvakal	Orvakal	Elementery School	MPWS	1.60	Covered through KalvaBugga CPWS Scheme
909	Kurnool	Orvakal	Orvakal	Orvakal	At Doku	MPWS	0.89	Potable
910	Kurnool	Orvakal	Orvakal	Orvakal	Jaganna Colony	MPWS	0.79	Potable
911	Kurnool	Orvakal	Orvakal	Orvakal	Zph S School	MPWS	1.20	Potable
912	Kurnool	Orvakal	Orvakal	Orvakal	Bc.Hostel	MPWS	1.50	Potable
913	Kurnool	Orvakal	Orvakal	Orvakal	At Doku	DIRECT PUMPING	0.35	Potable
914	Kurnool	Orvakal	Orvakal	Orvakal	Ap Model School	R.O	0.46	Potable

Annexure - B

Test results Fluoride of in the water sources of habitations reported in the OA No.728/2023

Sl.No	Name of the District	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Place and Location	Source	Fluoride (1.0 to 1.5) Mg/L	Remarks
915	Kurnool	Onakal	Onakal	Onakal	Ap Model School	HAND PUMP	0.49	Potable
916	Kurnool	Onakal	Onakal	Onakal	Kgbv School	MPWS	1.60	Covered through Kalva Bugga CPWS Scheme


 ENGINEER-IN-CHIEF
 RWS & S DEPARTMENT
 GOVT. OF ANDHRA PRADESH
 GOLLAPUDI
 VIJAYAWADA
 S. V. Reddy
 26/3/2024

GOVERNMENT OF ANDHRA PRADESH
PANCHAYAT RAJ & RURAL DEVELOPMENT (RWS.II) DEPARTMENT

Memo.No.RWS/27/2024-RWS-II (2321666) Dt:11/01/2024



Sub: PR & RD (RWS.II) Dept. - Notice of Hon'ble Orders of National Green Tribunal, New Delhi regarding news captioned in Hindustan English Newspaper dated, 30.11.2023 under the caption "Arsenic found in ground water in 25 States, fluoride in 27 States" - Request to file Affidavit-Necessary action- Reg.

6321
22/01/24

Ref: From the Registrar, National Green Tribunal, New Delhi, O.A.No.728 of 2023, Dated:20.12.2023.(received on 09.01.2024.)

A copy of the the notice of the Hon' ble National Green Tribunal(NGT), New Delhi in O.A.No.728 of 2023 cited is sent herewith to the Engineer-in-Chief, RWS&S, AP, Vijayawada and he is requested to examine the orders of Hon'ble NGT and to furnish draft counter affidavit to be filed by Government duly approved by the legal Council immediately to Govt. for taking further course of action.

2. This may be treated as "Most Urgent".

B Rajsekhar I A S
Special Chief Secretary To Govt

To
The Engineer-in-Chief, RWS &S, A.P., Vijayawada(w.e.).
Sf/Sc.

//FORWARDED:: BY ORDER//

DOB (74P)
22/01/24

AEE (Important)
Report to be prepared
in consultation with chief chemist
23/01/24

SECTION OFFICER

05/12/2023, 09:46

Arsenic found in groundwater in 25 states, fluoride in 27 states: Govt

Business Standard

Home	Latest	Finance	Market	Opinion	Politics	Electors	Portfolio	Technology	Specials	Partner Content	Management	Multimedia	Sports
Share			Nifty		Nifty Smallcap			Nifty Midcap		Nifty Bank			
49435.12			20886.80		4594.50			43953.00		49435.12			

Arsenic found in groundwater in 25 states, fluoride in 27 states: Govt

The groundwater in India is mostly arsenic and fluoride contaminated in nature and does not show significant change over the years, the MoS said.

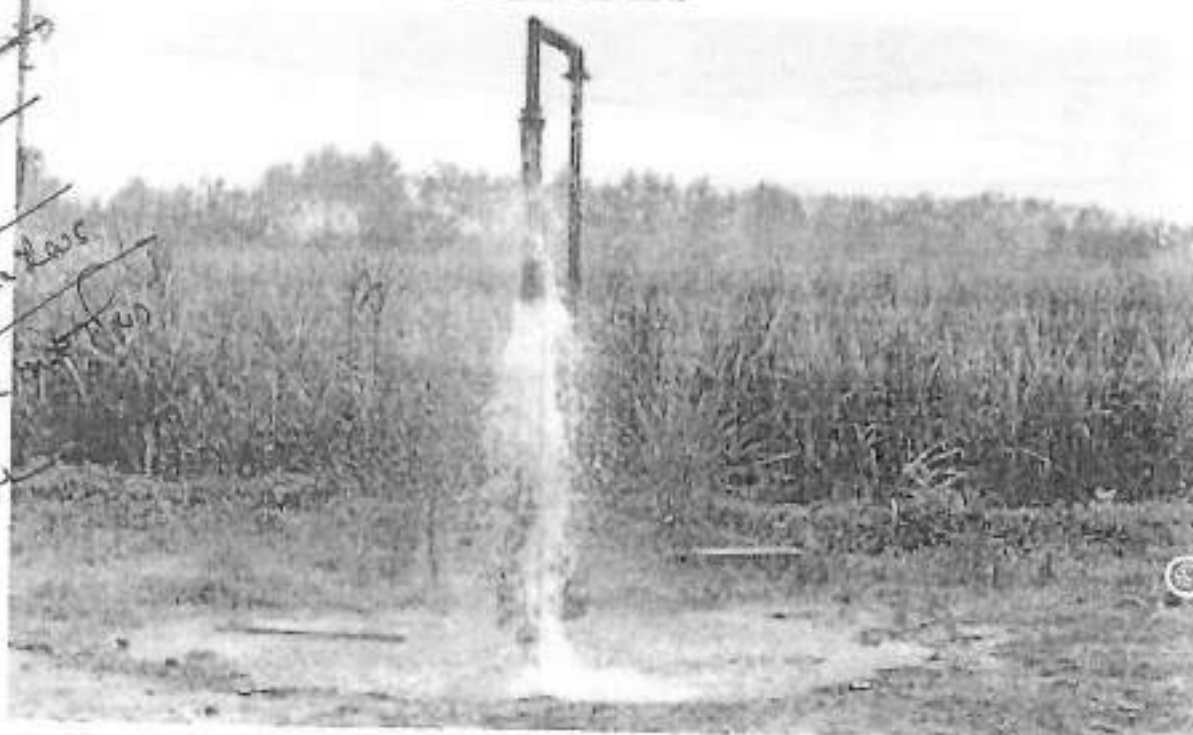


Photo: Toxin of India - News India

9/11/24

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Arsenic has been detected in groundwater in parts of 140 districts in 25 states and fluoride in 464 districts in 27 states, Union Minister of State for Jal Shakti Bhupendra Patel informed the Rajya Sabha on Monday.

In a written reply, the minister said that the groundwater contamination reported by the Central Ground Water Board (CGWB) is mostly geogenic in nature and does not show significant change over the years.

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These studies indicate the occurrence of arsenic and fluoride in ground water beyond permissible limits set by the Bureau of Indian Standards -- for human consumption in isolated pockets in various states and Union Territories, he said.

Arsenic has been reported in parts of 230 districts in 25 states and Fluoride has been reported in 469 districts in 27 states.

CGWB along with the National Institute of Hydrology (NIH) prepared a report on Mitigation and Remedy of Groundwater menace in India: A Vision Document in 2010 and it has been circulated to various concerned agencies and departments for guidance and execution.

Recently, the CGWB signed a Memorandum of Understanding with the Geological Survey of India (GSI) for study of groundwater contamination, including arsenic and fluoride, with the focus on eight states -- Punjab, Haryana, Andhra Pradesh, Uttar Pradesh, Chhattisgarh, Jharkhand, Bihar, and Assam.

The studies conducted indicate the occurrence of arsenic and fluoride contaminations in various parts of the country which are mostly geogenic in nature, which means these constituents are already in the rock or soil matrix and get into the ground water through various chemical processes.

There is no conclusive evidence regarding the increase in concentration of the contaminants over time, he said.

He attributed the increase in the instances of arsenic contamination to revision of permissible limit of Arsenic in drinking water from 50 ppb to 10 ppb by the BIS in 2015 and increase in the number of sampling points.

Similarly, the increase in fluoride can also be attributed to increase in the number of sampling points over years taken up for monitoring.

Also Read

India could lose groundwater by 3 times the current rate by 2080: Study

Chandray
Shakti W

Topics :

Contaminated Groundwater contamination | Groundwater | Jai Shree Krishna |

First Published: Dec 04 2023 | 8:24 PM IST

Item No. 16

Court No. 2

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

Original Application No. 728/2023

In re: News item appearing in Hindustan dated 30.11.2023 titled "Arsenic found in groundwater in 25 States, fluoride in 27 States: Govt."

Date of hearing: 20.12.2023

**CORAM: HON'BLE MR. JUSTICE SUDHIR AGARWAL, JUDICIAL MEMBER
HON'BLE DR. A. SENTHIL VEL, EXPERT MEMBER**

Respondent: Mr. Gigi. C. George, Adv. for CGWA

ORDER

1. This original application under Section 14 and 15 of National Green Tribunal Act, 2010 (hereinafter referred to as '**NGT Act, 2010**') has been registered by exercising *suo moto* jurisdiction based on the newspaper report published in Business Standard under the heading "Arsenic found in groundwater in 25 States, fluoride in 27 States: Govt.". The report says that Arsenic has been detected in ground water in parts of 230 Districts and 25 States and fluoride in 469 Districts and 27 States and statement to this effect was made by Union Minister of State for Jal Shakti and Rajya Sabha. It is also stated that ground water contamination reported by Central Ground Water Board (hereinafter referred to as '**CGWB**') is mostly geogenic in nature and does not show significant change over the years. The newspaper item states that studies indicate occurrence of arsenic and fluoride in ground water beyond permissible limits set by the Bureau of Indian Standards for human consumption in isolated pockets of various States and Union Territories.

2. On the advance notice issued to Central Ground Water Authority (hereinafter referred to as '**CGWA**'), it has submitted its report dated

18.12.2023 wherein presence of arsenic in various Districts and 25 States and fluoride in various Districts and 27 States is admitted. It is also admitted that both the chemicals/metals have very serious toxic effects on human body and health and cause health hazards. Relevant extracts from the report is reproduced as under:-

"2. Monitoring and Studies on Ground Water Quality By CGWB"

Water being State subject, study on ground water quality and making available safe water to public falls under States' mandate. Being the apex organization for ground water, Central Ground Water Board (CGWB) generates ground water quality data on a regional scale during various scientific studies and ground water quality monitoring throughout the country. The periodic monitoring of water quality is done by CGWB once in every year during the pre-monsoon season in which water samples are collected from about 17500 water quality monitoring stations of CGWB spread over the country and chemical analysis is carried out. The water quality monitoring stations comprise of various sources of ground water viz. dugwells, borewells, tubewells, piezometers and springs etc. CGWB has 16 chemical laboratories in different states of the country for water sample analysis, out of which 10 laboratories are NA131, accredited. The total number of samples analysed in these chemical laboratories are in the range of 27500-32500 annually. The laboratories of CGWB analyse the ground water samples for 15 major chemical parameters which include (pH, EC, Ca, Mg, TII, Na, K., F, CO₃, HCO₃, SO₄, Cl, NO₃, SiO₂, PO₄) and heavy/trace elements (Fe, Mn, Cu, Zn, Cd, Cr, Pb, As& U) on need basis.

Apart from routine regional scale ground water quality monitoring CGWB has also taken up various studies on ground water quality and contamination of ground water as mentioned below:

- Under the National Aquifer Mapping Programme (NAQUIM) of CGWB, special attention is being given to the aspect of ground water quality including contamination by toxic substances such as Arsenic (As) and Fluoride (F) in ground water.
- CGWB along with National Institute of Hydrology (NIH-1) prepared a report on "Mitigation and Remedy of Ground Water menace in India: A Vision Document" in 2010.
- The study on identification of Arsenic hotspots throughout the country has been started from 2015 by CGWB. Since then, periodic monitoring of As is being done in the identified hot spot states.
- An MoU was signed between CGWB & GSI on 05-01-2022 for five years. Study on Uranium, Lead, Arsenic, Fluoride and Mercury

contamination of Ground Water the parts of Punjab, Haryana, Andhra Pradesh, Uttar Pradesh, Bihar, Chhattisgarh, Jharkhand and Assam will be taken up. The studies taken up regarding Arsenic and Fluoride contamination are as follows:

- Study on Uranium, Lead, Arsenic, Fluoride and Mercury Contamination of Ground Water in the industrial area of North Guwahati, Kamrup, Assam.
- Reassessment of Arsenic contamination in Patna & Ichojpur District, Bihar.
- Tracing the source of Uranium in ground water resources of Biharsarif and Roh block in Nawada district of Bihar.
- Geo-environmental appraisal of Fluoride contamination and assessment of toxic heavy metals in Bagbahara area, Mahasamund district, Chhattisgarh.
- Assessment of fluoride contamination in surface and groundwater and its management in Jharkhand.
- Study on Uranium, Fluoride contamination of Ground Water in Mathura, Hathras and Aligarh Districts, Uttar Pradesh.

3. Arsenic (As) contamination of Ground Water in India

Arsenic is a naturally occurring trace element found in rocks, soils and the water in contact with them. Arsenic has been recognized as a toxic element and is considered a human health hazard. The maximum permissible limit of Arsenic for drinking purpose is 0.01 mg/L (or 10 ppb) as per ISIS (Bureau of Indian Standards) Drinking Water Standards (IS 10500:2012). The BIS permissible limit of Arsenic was revised from 0.05 mg/L (50 ppb) to 0.01 mg/L (10 ppb) in the year 2015.

Arsenic hotspots of India

The occurrence of Arsenic in ground water was first reported in 1980 in West Bengal in India. Occurrence of Arsenic in groundwater, in excess to the permissible limit of 10 ppb in the Ganges-Brahmaputra fluvial plains in India covering seven states namely, West-Bengal, Jharkhand, Bihar, Uttar Pradesh in flood plain of Ganga River; Assam and Manipur in flood plain of Brahmaputra and Imphal rivers and Rajnandgaon in Chhattisgarh. The most affected areas are on the eastern side of Bhagirathi River in the districts of Malda, Murshidabad, Nadia, North 24 Parganas and South 24 Parganas and western side of the districts of Howrah, Hugli and Bardhaman. The occurrence of Arsenic in the states of Bihar, West Bengal and Uttar Pradesh is in alluvial formations. The occurrence of Arsenic in ground water is mainly in the aquifers upto 100 m depth. The deeper aquifers are free from Arsenic contamination. In the state of Chhattisgarh, it is in the volcanic rocks exclusively confined to N-S trending Dongargarh-Kotri ancient rift zone. It has also been reported in Golaghat, Jorhat, Lakhimpur, Nagaon, Nalbari, Sibsagar, Sonitpur district of Assam.

Central Ground Water Board is in the process of continuously updating its database on the locations of Arsenic contamination

based on its annual quality data. The number of district included in the list has increased since the permissible limit was revised from 50 ppb to 10 ppb by BIS in 2015. The state-wise districts where cases of Arsenic > 0.01 mg/l, have been recorded in ground water are given in Table-1.

Table-1: Districts having Arsenic >0.01 mg/L, in Ground Water in Different States of India

Sl. No.	State	Parts of Districts having As > 10 ppb (0.01 mg/l) $\in$	No of Districts
1.	Andhra Pradesh	Ananthapur, East Godavari, Guntur, Krishna, Kurnool, Nellore, Prakasam	7
2.	Assam	Baksha, Barpeta, Bongaigaon, Cachar, Darrang, Dhemaji, Dibrugarh, Dhubri, Goalpara, Golaghat, Hailakandi, Jorhat, Kamrup, Karimganj, Lakhimpur, Morigaon, Nagaon, Nalbari, Sivasagar, Sonitpur, Biswanth	21
3.	Bihar	Araria, Begusarai, Bhagalpur, Bhojpur, Buxar, Darbhanga, Katihar, Khagaria, Kishanganj, Lakhisarai, Munger, Patna, Purnea, Samastipur, Saran, Vaishali, E. Champaran, Gopalganj, Sheohar, Supaul, Madhepura, Muzaffarpur, Saharsa, Siwan, W. Champaran, Sitamarhi, Madhubani	27
4.	Chhattisgarh	Rajnandgaon, Raipur, Raigarh, Koriya	4
5.	Delhi	East Delhi, North East Delhi, South east Delhi, Central, Nazaf Land	5
6.	Gujarat	Amreli, Anand, Bharuch, Bhavnagar, Dahod, Gandhinagar, Kachchh, Mehesana, Patan, Rajkot, Surendranagar, Vadodara	12
7.	Haryana	Ambala, Bhiwani, Faridabad, Fatehabad, Hissar, Jhajjar, Jind, Karnal, Panipat, Rohtak, Sirsa, Sonapat, Yamunanagar, Mahendergarh, Palwal, Panchkula, Rewari, Kaithoi	18
8.	Himachal Pradesh	Kangra	1
9.	Jammu & Kashmir	Jammu, Kathua, Rajouri	3
10.	Jharkhand	Sahebganj, Loharlaga, Godda, Dhanbad	4
11.	Karnataka	Raichur, Gadag, Yadgir	3
12.	Kerala	Kollam	1
13.	Madhya Pradesh	Betul, Berhanpur, Chhindwara, Dhar, Khandwa, Mandla, Morena, Neemuch, Umaria	9
14.	Manipur	Bishnupur, Thoubal	2
15.	Odisha	Bhadrak, Gajapati, Ganjam, Jagatsinghpur, Kendrapara	5
16.	Punjab	Mansa, Amritsar, Bhatinda, Fazilka, Ferozpur, Gurdaspur,	17

		Hoshiarpur, Kapurthala, Ropar, Faridkot, Nawashahar, Sangrur, TaranTaran, SAS Nagar, Pathankot, Patiala, Chandigarh	
17.	Rajasthan	Ganganagar, Pali, Bikaner, Bariswara, Bhilwara, Churu, Hanumangarh, Jodhpur, Sikohi, Tonk.	10
18.	Tamil Nadu	Ariyalur, Perambalur, Dindigul, Cuddalore, Nagapattinam, Ramnathapuram, Tiruvallur, Tirunetveli, Thiruvannamalai, Trichchirappalli, Tuticorin, Sivaganga, Chennai, Dharmapuri	14
19.	Telangana	Nalgonda	1
20.	Tripura	North Tripura, Gomati and South Tripura	3
21.	Uttar Pradesh	Bahraich, Ballia, Balrampur, Bareilly, Basti, Bijnor, Chandauli, Ghazipur, Gonda, Gorakhpur, LakhimpurKheri, Meerut, Mirzapur, Moradabad, Rai Bareilly, SantKabiNagar, Shajahanpur, Siddaithnagar, SantRavidas Nagar, Unnao, Azamgarh, Rampur, Badaun, Deoria, Jhansi, Kausambi, Kushinagar, Pilibhit, Banda, Sitapur, HardoiMuzaffarnagar, Sultanpur, Faizabad, Pratappgarh, Maunath Bharanjan, Barabanki, Maharajgang, Nagar, Ayodhya, Bulandsahr, Firozabad, Farrukhabad, Hapur, Kannauj	45
22.	Uttarakhand	Dehradun, Udham Singh Nagar, Haridwar, Almora, Uttarkashi	5
23.	West Bengal	Purba Bardhaman, Dakshin Dinajpur, Hooghly, Howrah, Malda, Murshidabad, Nadia, N-24 Parganas, S- 24 Parganas, Coochbehar, Uttar Dinajpur	11
24.	Daman & Diu	Diu	1
25.	Puducherry	Pondicherry	1
	Total	25 States/UTs	230 Districts

Thus there are 230 districts in 25 states/UTs across the country where instances of one or more Arsenic contamination have been detected.

4. Fluoride (F) contamination of Ground Water in India

Fluorine is the most electronegative and reactive of all elements that occur naturally within many types of rock. It exists in the form of fluorides in a number of minerals of which fluorospar, cryolite, fluorite and fluorapatite are the most common. The fluoride found in groundwater is naturally occurring from the breakdown of rocks and soils or weathering and deposition of atmospheric particles. Most of the fluorides are sparingly soluble and are present in ground water in small amounts.

It is well known that small amounts of fluoride (less than 1.0 mg/L) have proven to be beneficial in reducing tooth decay. Community water supplies commonly are treated with NO or fluorosilicates to maintain fluoride levels ranging from 0.8 to 1.2 mg/L, to reduce the incidence of dental caries. However, high concentrations such as 1.5 mg/L or higher have resulted in staining of tooth enamel while at still higher levels of fluoride ranging between 5.0 and 10 mg/L, further pathological changes such as stiffness of the back and difficulty in performing natural movements may take place.

BIS has recommended an upper desirable limit of 1.0 mg/L of F as desirable concentration of fluoride in drinking water, which can be extended to 1.5 mg/L of F in case no alternative source of water is available. Water with concentration of fluoride more than 1.5 mg/L, are not suitable for drinking purposes.

The fluoride content in groundwater from observation wells in a major part of the country is found to be less than 1.0 mg/L. The distribution of ground water samples with fluoride concentration more than 1.5 mg/L at several locations in the States of Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Rajasthan, Chhattisgarh, Haryana, Orissa, Punjab, Tamil Nadu, Kerala, Telangana, Haryana, Uttar Pradesh West Bengal, Bihar, Delhi, Jharkhand, Maharashtra, and Assam West Bengal where the fluoride in ground water exceeds 1.5 mg/L. The state-wise districts where instances of Arsenic > 0.01 mg/L in ground water have been recorded are given in Table-2.

Table-2: Districts having localized occurrence of Fluoride (>1.5mg/L) in groundwater in India

Sl. No	State	Parts of Districts having Fluoride (>1.5mg/L)	No of Districts
1.	Andhra Pradesh	Ahli, Siharana Raju, Ananthapur, Annamayya, Bapalla, Chittoor, Guntur, Krishna, Kurnool, NTR District, Palnadu, Prakasam, Sirkakulam, SPS Nellore, Sri Balaji Dist, Sri Satyasai District, Visakhapatnam, Vizianagaram, West-Godavari, YSR, Kadapa.	19
2.	Assam	Bangiagan, Cachar, Dhubri, Dibrugarh, Goalpara, Hailakandi, Kamrup, Karbi Anglong, Lakhimpur, Naogaon, Golaghat, Karimganj, Sivasagar, Jorhat, Sonitpur, Morigaon, Darrang	17
3.	Bihar	Aurangabad, Banka, Bhagalpur, Gaya, Jamui, Kaimur(Bhabua), Munger, Nawada, Rohtas, Jehanabad, Lakhisarai, Sheikhpura, Nalanda, Saharsa, Supaul, Samastipur, Sheikhpura, Nalanda, Muzaffarpur	19
4.	Chhattisgarh	Bastar, Balod, Balrampur, Bemetra, Bilaspur, Durg, Kanker, Kondagaon, Korba, Koriya, Raigarh, Surguja, Jashpur, Dhamtari, Mahasamund, Rajnandgaon, Bilaspur, Raipur, Mungeli, Janjgir - Champa, Raigarh, Gariyabandh	23
5.	Delhi	East Delhi, New Delhi, North West Delhi, Central, South Delhi, South West Delhi, North Delhi, West Delhi	8
6.	Gujarat	Ahmedabad, Amreli, Anand, Aravalli, Banaskantha, Bharuch, Bhavnagar, Chota Udaipur, Dahod, Gandhinagar, Jamnagar, Junagadh, Kachchh, Kheda, Mehsana, Panchmahals, Patan, Porbandar,	30

		Chennai, Kanyakumari,	
22.	Telangana	Adilabad, Bhadrachalam, Hanamkonda, Hyderabad, Jagtial, Jangaon, Karimnagar, Khammam, Komarambheem, Mahabubabad, Mahabubnagar, Mancherial, Medak, Medchal, Mulugu, Nagarkurnool, Nalgonda, Narayana, Nirmal, Nizamabad, Peddapalle, Rajanna, Rangareddy, Sangareddy, Siddipet, Suryapet, Vikarabad, Warangal, Yadadri,	29
23.	Tripura	Unakoti, Khowai and North Tripura	3
24.	Uttar Pradesh	Agra, Aligarh, Allahabad, Aurangabad, Azamgarh, Banda, Bulandshahr, Chitrakoot, Etah, Etawah, Farrukhabad, Fatehpur, Firozabad, G B Nagar, Ghaziabad, Gonda, Ghaziabad, Hamirpur, Hathras, Jaunpur, Kannauj, Kanpur Nagar, Kasganj (Kashiram Nagar), Lalitpur, Mahoba, Mainpuri, Mathura, Maunath Bhanjan, Pratapgarh, Rai Bareilly, Shahjahanpur, Sonbhadra, Sultanpur, Varanasi and Unnao, Chandauli, Gonda, Hardoi, Sitapur, Jalaun, Amroha, Kanpur Dehat, Rampur	43
25.	Uttarakhand	Uttarkashi	1
26.	West Bengal	Bankura, Bardhaman, Birbhum, Dakshindinajpur, Malda, Purulia, Uttaridinajpur, South 24 Praganas, Nadia, Murshidabad, Paschim Medinipore, Paschim Bardhaman	12
27.	DNH, Daman & Diu	Dadra and Nagar Haveli	1
	Total	27 States/UTs	469 Districts

Thus there are 469 districts in 27 states/UTs across the country where instances of one or more Fluoride contamination have been detected.

5. Mitigation of Ground Water Contamination by As and F

The studies on arsenic and fluoride contamination indicate that occurrence of these contamination in various parts of the country are mostly geogenic in nature, which means these constituents are already in the rock and soil matrix and they get in to the ground water through various chemical processes. There is no conclusive evidence regarding increase in concentration of these contaminants over time. However, when the contaminant is in the ground water, it has the tendency to spread along with the flow of ground water.

Various steps have been taken by the Central Government for facilitating ground water quality improvement/ remediation of contamination in the country, as given below:

1. Data on ground water quality available with CGWB are being shared with concerned State Governments for taking necessary remedial measures such as prohibition of contaminated sources of ground water for drinking purposes and finding alternate sources for drinking water supply.
2. CGWB constructs wells for Exploration of Ground Water. Successful contamination-free wells are handed over to the State Governments for gainful utilization.

3. *Under the National Aquifer Mapping Programme (NAQUIM) of CGWB, special attention is being given to the aspect of ground water quality including contamination by toxic substances such as Arsenic in ground water. Further, under NAQUIM, CGWB constructs arsenic safe exploratory wells in arsenic affected parts of the States of West Bengal, Bihar and Uttar Pradesh. The arsenic safe deeper aquifer zones have been identified and wells have been constructed tapping the arsenic safe deeper aquifers using innovative cement sealing technique. So far, 522 exploratory wells tapping arsenic safe aquifers have been constructed under NAQUIM programme including 40 in Bihar, 188 in West Bengal and 294 in Uttar Pradesh. In addition, the innovative cement sealing technique of CGWB has been shared with the state agencies to utilize to construct arsenic free wells.*
4. *Awareness generation programs/ workshop on various aspects of ground water including preventing ground water pollution and safe use of contaminated water are being conducted by CGWB periodically.*
5. *Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti has issued guidelines for control and regulation of groundwater extraction with pan-India applicability notified on 24 September 2020. The guidelines include clauses on 'Measures to be adopted to ensure prevention from pollution in the plant premises of polluting industries/projects'. It is pointed out that ground water in and around polluting industries like Tannery, Slaughter Houses, Dye, Chemical, Coal-washery, other hazardous units, etc. and is generally observed to be polluted. In order to prevent further deterioration of ground water quality in such places, it is essential to take necessary measures for well head protection, such as Tube well/ bore well to be constructed at the place which is hygienically maintained, RCC (Reinforced Concrete Cement) grouting around tubewell, no recharge measures within the plant premises etc."*

3. From the report we find that while presence of toxic elements like arsenic and fluoride in ground water, contaminating it and also causing serious toxic effects to human body are admitted but no effective steps have been taken by CGWA, though under law, it is the body responsible for regulating ground water. Report says that water is the subject of State and therefore, CGWA on its own is not capable of taking any serious action in matter but this contention has been rejected long back by the Supreme Court in *MC Mehta vs. UOI*, (1997) 11 SCC 312 and order of

this Tribunal dated 25.02.2022 in OA 176/2015, Shailesh Singh vs. Hotel Holiday Regency. We are surprised that after such a long time, even today, CGWA has the audacity of shirking away from its own statutory responsibility and obligations and taking such flimsy grounds which have already been rejected by the Apex Court itself.

4. Be that at it may since, various States are involved in the matter, we find it appropriate to implead them as they all are necessary parties and hear the matter after notice to them.

5. Let following be impleaded as respondents:-

1. State of Andhra Pradesh through Chief Secretary, Amaravati, 1st Block, 1st Floor, A.P Secretariat Office, Velagapudi-522023;
2. State of Assam through Chief Secretary, Dispur, Block- C, 3rd Floor, Assam Sachivalaya, Dispur, Guwahati-781006;
3. State of Bihar through Chief Secretary, Patna, Main Secretariat, Patna-800015;
4. State of Chhattisgarh through Chief Secretary, Raipur, Mahanadi Bhawan, Mantralaya, Naya Raipur-492002;
5. UT Delhi (Delhi) through Chief Secretary, Delhi Secretariat, IP Estate, New Delhi-110002;
6. State of Gujarat (Gandhinagar) through Chief Secretary, 1st Block, 5th Floor, Sachivalaya, Gandhinagar-382010;
7. State of Haryana (Chandigarh) through Chief Secretary, 4th Floor, Haryana Civil Secretariat, Sector-1, , Chandigarh-160019;
8. State of Himachal Pradesh (Shimla) through Chief Secretary,
9. UT Jammu & Kashmir through Chief Secretary Government of Himachal Pradesh, H.P. Secretariat, Shimla-171002;
10. State of Jharkhand (Ranchi) through Chief Secretary, 1st Floor, Project Building, Dhurwa, Ranchi -834004;
11. State of Karnataka (Bengaluru) through Chief Secretary, Room No. 320, 3rd Floor, Vidhana Soudha, Bengaluru-560001;
12. State of Kerala (Thiruvananthapuram) through Chief Secretary, Government of Kerala, Secretariat, Thiruvananthapuram-695001;
13. State of Madhya Pradesh (Bhopal) through Chief Secretary, MP Mantralaya, Vallabh Bhavan, Bhopal-462004;
14. State of Manipur (Imphal) through Chief Secretary, South Block, Old Secretariat, Imphal-795001;
15. State of Odisha (Bhubaneswar) through Chief Secretary, General Administration Department, Odisha Secretariat, Bhubaneswar-751001;
16. State of Punjab (Chandigarh) through Chief Secretary, Chandigarh-160001;

17. State of Rajasthan (Jaipur) through Chief Secretary, Secretariat, Jaipur-302005;
18. State of Tamil Nadu (Chennai) through Chief Secretary, Secretariat, Chennai-600009;
19. State of Telangana(Hyderabad) through Chief Secretary, Block C, 3rd Floor, Telangana, Secretariat, Khairatabad, Hyderabad;
20. State of Tripura (Agartala) through Chief Secretary, New Secretariat Complex, PO:Secretariat, Agartala-799010;
21. State of Uttar Pradesh (Lucknow) through Chief Secretary, 1st Floor, Room No. 110, Lalbahadur Sastri Bhawan, Uttar Pradesh Secretariat, Lucknow-226001;
22. State of Uttarakhand (Dehradun) through Chief Secretary, 4 Subhash Road, Uttarakhand Secretariat, Dehradun-248001;
23. State of West Bengal (Kolkata) through Chief Secretary, Nabanna, 13th Floor, 325, Sarat Chatterjee Road, Mandirtala, Shibpur, Howrah-711102;
24. UT DNH Daman & Diu (Daman) through Chief Secretary, Daman & Diu; Secretariat, Fort Area, Moti Daman, Daman (U.T.) - 396220
25. UT Puducherry (Pondicherry) through Chief Secretary, Chief Secretariat, Goubert Avenue, -605001;
26. State of Maharashtra (Mumbai) through Chief Secretary, CS Office Main Building, Mantralaya, 6th Floor, Madame Cama Road, Mumbai-400032;
27. State of Meghalaya (Shillong) through Chief Secretary, Main Secretariat Building, Rilang Building, Room No. 321, Meghalaya Secretariat, Shillong-793001;
28. State of Nagaland (Kohima) through Chief Secretary, Civil Secretariat, Kohima-797004;
29. CGWA through Member Secretary, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011;
30. MoEF&CC through its Secretary, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003.

6. We may also notice at this stage that the problem of contamination of ground water due to arsenic in the context of certain Districts of State of UP and some other States like Assam, Bihar, Jharkhand, Karnataka, Punjab and West Bengal was considered by this Tribunal in O.A. No. 384/2019, Mrs. Sunita Pandey & Anr. vs. Union of India & Ors. & while disposing of the matter finally vide judgment dated 01.02.2021, the Tribunal directed as under:-

"16. In view of the above, let further steps in the matter be taken by the concerned States which may be monitored by the MoJS at the National level and by the Chief Secretaries of the concerned States, particularly in West Bengal and Punjab. The Chief Secretary, UP may sort out inter-departmental responsibilities and ensure compliance with regard to dismantling of hand pumps in arsenic

affected habitations, along with action on other recommendations of the Oversight Committee. The CGWA, the CPCB and concerned State PCBs/PCCs may monitor water quality in the affected areas and compile the relevant data and place on a common portal for future reference and remedial action.

Due attention may be given to cover other geogenic contaminants like fluoride, nitrate and other contaminants harmful to human and animal health as well as for irrigation. CPCB and SPCBs/PCCs may give emphasis to remediate identified contaminated sites having potential threats to groundwater contamination as directed vide order dated 29.01.2021 in OA No. 804/2018, *Rajive Narayan & Anr. vs. Union of India & Ors.*

MoJS may, in contaminated areas where there is geogenic contamination, explore possibility of rain water harvesting systems for recharging and dilution of the contaminated water and also avoiding excessive abstraction of groundwater, so that building of contaminants does not take place."

7. The issue raised in the present matter with regard to presence of arsenic and fluoride in ground water in such large number of States and Districts is very serious and requires urgent preventive and protective steps by all concerned authorities.
8. Let Notices be issued to all the above respondents. Response may be filed by above respondents within one month after receipt of notice, by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.
9. List this matter on 15.02.2024.

Sudhir Agarwal, JM

Dr. A. Senthil Vel, EM

December 20, 2023
Original Application No. 728/2023
SN

BY SPEEDPOST A.D./EMAIL

BEFORE THE NATIONAL GREEN TRIBUNAL, NEW DELHI

Original Application No. 728/2023

In re: News item appearing in Hindustan dated 30.11.2023 titled "Arsenic found in groundwater in 25 States, fluoride in 27 States; Govt."

To

1. State of Andhra Pradesh
Through Chief Secretary, Amaravati, 1st Block, 1st Floor, A.P
Secretariat Office, Velagapudi 522023;
Email: cs@ap.gov.in
2. State of Assam
Through Chief Secretary, Dispur, Block- C, 3rd Floor, Assam
Sachivalaya, Dispur, Guwahati-781006;
Email: cs-assam@nic.in
3. State of Bihar
Through Chief Secretary, Patna, Main Secretariat, Patna-800015;
Email: cs-bihar@nic.in
4. State of Chhattisgarh
Through Chief Secretary, Raipur, Mahanadi Bhawan, Mantralaya, Naya
Raipur-492002;
Email: cs@office.cg.gov.in / cs.cg@nic.in
5. UT Delhi (Delhi)
Through Chief Secretary, Delhi Secretariat, IP Estate, New Delhi-110002;
Email: csdelhi@nic.in
6. State of Gujarat (Gandhinagar)
Through Chief Secretary, 1st Block, 5th Floor, Sachivalaya,
Gandhinagar-382010;
Email: cs@guj@gujarat.gov.in / chiefsecretary@gujarat.gov.in
7. State of Haryana (Chandigarh)
Through Chief Secretary, 4th Floor, Haryana Civil Secretariat, Sector-1,
Chandigarh-160019;
Email: cs@hry.nic.in
8. State of Himachal Pradesh (Shimla)
Through Chief Secretary,
Email: cs-hp@nic.in
9. UT Jammu & Kashmir
Through Chief Secretary Government of Himachal Pradesh, H.P.
Secretariat, Shimla-171002;
Email: cs-jandk@nic.in
10. State of Jharkhand (Ranchi)
Through Chief Secretary, 1st Floor, Project Building, Dhurwa, Ranchi -
834004;
Email: cs-jharkhand@nic.in
11. State of Karnataka (Bengaluru)
Through Chief Secretary, Room No. 320, 3rd Floor, Vidhana Soudha,
Bengaluru-560001;
Email: cs@karnataka.gov.in / officeofcs@gmail.com
12. State of Kerala (Thiruvananthapuram)
Through Chief Secretary, Government of Kerala, Secretariat,
Thiruvananthapuram-695001;
Email: chiefsecy@kerala.gov.in
13. State of Madhya Pradesh (Bhopal)
Through Chief Secretary, MP Mantralaya, Vallabh Bhavan, Bhopal-
462004;
Email: cs@mp.nic.in
14. State of Manipur (Imphal)
Through Chief Secretary, South Block, Old Secretariat, Imphal-795001;
Email: cs-manipur@nic.in
15. State of Odisha (Bhubaneswar)
Through Chief Secretary, General Administration Department, Odisha
Secretariat, Bhubaneswar-751001;
Email: csori@ori.nic.in / csori@nic.in

16. State of Punjab(Chandigarh)
Through Chief Secretary, Chandigarh-160001;
Email: cs@punjab.gov.in
17. State of Rajasthan (Jaipur)
Through Chief Secretary, Secretariat, Jaipur-302005;
Email: csraj@rajasthan.gov.in / cs-rajasthan@nic.in
18. State of Tamil Nadu (Chennai)
Through Chief Secretary, Secretariat, Chennai-600009;
Email: cs@tn.gov.in / tnstateeoc@gmail.com
19. State of Telangana(Hyderabad)
Through Chief Secretary, Block C, 3rd Floor, Telangana, Secretariat, Khairatabad, Hyderabad;
Email: cs@telangana.gov.in
20. State of Tripura (Agartala)
Through Chief Secretary, New Secretariat Complex, PO:Secretariat, Agartala-799010;
Email: cs-tripura@nic.in / cstripura@gmail.com
21. State of Uttar Pradesh (Lucknow)
Through Chief Secretary, 1st Floor, Room No. 110, Lalbahadur Sastri Bhawan, Uttar Pradesh Secretariat, Lucknow-226001;
Email: csup@nic.in
22. State of Uttarakhand (Dehradun)
Through Chief Secretary, 4 Subhash Road, Uttarakhand Secretariat, Dehradun-248001;
Email: chiefsecyuk@gmail.com / cs-uttarakhand@nic.in
cs-uttarakhand@nic.in
23. State of West Bengal (Kolkata)
Through Chief Secretary, Nabanna, 13th Floor, 325, Sarat Chatterjee Road, Mandirtala, Shibpur, Howrah-711102;
Email: cs-westbengal@nic.in
24. UT DNH Daman & Diu (Daman)
Through Administrator, Daman & Diu; Secretariat, Fort Area, Moti Daman, Daman (U.T.) - 396220
Email: administrator-dd-dnh@nic.in
administrator-dnh@nic.in / pers-dd@nic.in
25. UT Puducherry (Pondicherry)
Through Chief Secretary, Chief Secretariat, Goubert Avenue, -605001;
Email: cs.pon@nic.in
26. State of Maharashtra (Mumbai)
Through Chief Secretary, CS Office Main Building, Mantralaya, 6th Floor, Madame Cama Road, Mumbai-400032;
Email: cs@maharashtra.gov.in / chiefsecretary@maharashtra.gov.in
27. State of Meghalaya (Shillong)
Through Chief Secretary, Main Secretariat Building, Rilang Building, Room No. 321, Meghalaya Secretariat, Shillong-793001;
Email: cs-meg@nic.in
28. State of Nagaland (Kohima)
Through Chief Secretary, Civil Secretariat, Kohima-797004;
Email: csngl@nic.in
29. Central Ground Water Authority
Through Member Secretary, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011;
Email: megwa-cgwb@nic.in / cgwa@nic.in
30. MoEF&CC
Through its Secretary, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003.
Email: secy-moef@nic.in

NOTICE

Whereas the above titled Application was listed before the Hon'ble Tribunal on 20.12.2023 (copy of order and petition are enclosed), when the Tribunal inter-alia passed the following order (reproduced relevant extracts only):

*5. Let following be impleaded as respondents:-

1. State of Andhra Pradesh through Chief Secretary, Amaravati, 1st Block, 1st Floor, A.P Secretariat Office, Velagapudi-522023; 2. State of Assam through Chief Secretary, Dispur, Block- C, 3rd Floor, Assam Sachivalaya, Dispur, Guwahati-781006; 3. State of Bihar through Chief

- Secretary, Patna, Main Secretariat, Patna-800015; 4. State of Chhattisgarh through Chief Secretary, Raipur, Mahanadi Bhawan, Mantralaya, Naya Raipur-492002; 5. UT Delhi (Delhi) through Chief Secretary, Delhi Secretariat, IP Estate, New Delhi-110002; 6. State of Gujarat (Gandhinagar) through Chief Secretary, 1st Block, 5th Floor, Sachivalaya, Gandhinagar-382010; 7. State of Haryana (Chandigarh) through Chief Secretary, 4th Floor, Haryana Civil Secretariat, Sector-1, Chandigarh-160019; 8. State of Himachal Pradesh (Shimla) through Chief Secretary, 9. UT Jammu & Kashmir through Chief Secretary Government of Himachal Pradesh, H.P. Secretariat, Shimla-171002; 10. State of Jharkhand (Ranchi) through Chief Secretary, 1st Floor, Project Building, Dhurwa, Ranchi -834004; 11. State of Karnataka (Bengaluru) through Chief Secretary, Room No. 320, 3rd Floor, Vidhana Soudha, Bengaluru-560001; 12. State of Kerala (Thiruvananthapuram) through Chief Secretary, Government of Kerala, Secretariat, Thiruvananthapuram-695001; 13. State of Madhya Pradesh (Bhopal) through Chief Secretary, MP Mantralaya, Vallabh Bhawan, Bhopal-462004; 14. State of Manipur (Imphal) through Chief Secretary, South Block, Old Secretariat, Imphal-795001; 15. State of Odisha (Bhubaneswar) through Chief Secretary, General Administration Department, Odisha Secretariat, Bhubaneswar-751001; 16. State of Punjab (Chandigarh) through Chief Secretary, Chandigarh-160001; 17. State of Rajasthan (Jaipur) through Chief Secretary, Secretariat, Jaipur-302005; 18. State of Tamil Nadu (Chennai) through Chief Secretary, Secretariat, Chennai-600009; 19. State of Telangana (Hyderabad) through Chief Secretary, Block C, 3rd Floor, Telangana, Secretariat, Khairatabad, Hyderabad; 20. State of Tripura (Agartala) through Chief Secretary, New Secretariat Complex, PO: Secretariat, Agartala-799010; 21. State of Uttar Pradesh (Lucknow) through Chief Secretary, 1st Floor, Room No. 110, Lal Bahadur Sastri Bhawan, Uttar Pradesh Secretariat, Lucknow-226001; 22. State of Uttarakhand (Dehradun) through Chief Secretary, 4 Subhash Road, Uttarakhand Secretariat, Dehradun-248001; 23. State of West Bengal (Kolkata) through Chief Secretary, Nabanna, 13th Floor, 325, Sarat Chatterjee Road, Mandirbata, Shibpur, Howrah-711002; 24. UT DNH Daman & Diu (Daman) through Chief Secretary, Daman & Diu; Secretariat, Fort Area, Moti Daman, Daman (U.T.) -396220; 25. UT Puducherry (Pondicherry) through Chief Secretary, Chief Secretariat, Goubert Avenue, -605001; 26. State of Maharashtra (Mumbai) through Chief Secretary, CS Office Main Building, Mantralaya, 6th Floor, Madame Cama Road, Mumbai-400032; 27. State of Meghalaya (Shillong) through Chief Secretary, Main Secretariat Building, Rilang Building, Room No. 321, Meghalaya Secretariat, Shillong-793001; 28. State of Nagaland (Kohima) through Chief Secretary, Civil Secretariat, Kohima-797004; 29. CGWA through Member Secretary, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011; 30. MoEF&CC through its Secretary, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003.

8. Let Notices be issued to all the above respondents. Response may be filed by above respondents within one month after receipt of notice, by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF.
9. List this matter on 15.02.2024."

2. Now, take further notice that the above application will be listed for further hearing before the Hon'ble Tribunal 15th February, 2024, at Faridkot House, Copernicus Marg, New Delhi-110001 through physical hearing (with hybrid option), when you may appear before the Hon'ble Tribunal either in person or by a pleader duly instructed, and file reply/response within one month, as per directions of the Hon'ble Tribunal vide Order dated 20.12.2023.

3. Take further notice that in default of your appearance on the date above mentioned, the said Application will be heard and determined in your absence.

4. Given under my hand and the seal of this Hon'ble Tribunal, on this 30th December, 2023.

Note: (For Orders, Cause Lists & other information, please visit our website www.greentribunal.gov.in)

Consultant (Judicial), NGT



Dr K. S. Jawahar Reddy, IAS

NOTICE in Original Application No. 728/2023**From :** Consultant Judicial-NGT(P.B.) <judicial-ngt@gov.in>

Sat, Dec 30, 2023 01:10 PM

Subject : NOTICE in Original Application No. 728/2023

3 attachments

To : Dr K. S. Jawahar Reddy, IAS <cs@ap.gov.in>, Dharmendra <cs-arunachal@nic.in>, PABAN KUMAR BORTHAKUR, IAS <cs-assam@nic.in>, Chief Secretary Bihar <cs-bihar@nic.in>, Chief Secretary Office <csoffice.cg@gov.in>, cs cg <cs.cg@nic.in>, Puneet Kumar Goel IAS Chief Secretary <cs-go@nic.in>, cs@guj@gujarat.gov.in, chiefsecretary@gujarat.gov.in, Sanjeev Kaushal, IAS <cs@hry.nic.in>, Prabodh Saxena <cs-hp@nic.in>, cs-jandk <cs-jandk@nic.in>, L.Khiangte, IAS <cs-jharkhand@nic.in>, cs@karnataka.gov.in, officeofcs@gmail.com, DR VENU V IAS <chiefsecy@kerala.gov.in>, Veera Rana <cs@mp.nic.in>, cs@maharashtra.gov.in, chiefsecretary@maharashtra.gov.in, cs-manipur <cs-manipur@nic.in>, cso-meg <cso-meg@nic.in>, cs miz <cs_miz@rediffmail.com>, cs-mizoram <cs-mizoram@nic.in>, Jan e Alam, Chief Secretary Nagaland <csngl@nic.in>, Shri Pradeep Kumar Jena <csori@ori.nic.in>, Shri Pradeep Kumar Jena <csori@nic.in>, Chief Secretary Punjab <cs@punjab.gov.in>, csraj@rajasthan.gov.in, Chief Secretary, Rajasthan <cs-rajasthan@nic.in>, Vijay Bhushan Pathak <cs-skm@nic.in>, cs@tn.gov.in, tnstateeoc@gmail.com, CS Telangana <cs@telangana.gov.in>, cs-tripura <cs-tripura@nic.in>, cstripura@gmail.com, Ms Leena Nandan <secy-moef@nic.in>

Cc : CHIEF SECRETARY GoUP <csup@nic.in>, chiefsecyuk@gmail.com, chief secretary <cs-uttaranchal@nic.in>, chief secretary <cs-uttarakhand@nic.in>, Shri H K Dwivedi <cs-westbengal@nic.in>, Chief Secretary Andamans <cs-andaman@nic.in>, Praful Patel <lk-admin@nic.in>, Director, S&T <lk-dst@nic.in>, Advisor to the Administrator UTL <lk-advisor@gov.in>, Shri Naresh Kumar <csdelhi@nic.in>, Mr Rajeev Verma IAS <cs.pon@nic.in>, Dharam Pal <adviser-chd@nic.in>, Administrator DNH DD <administrator-dd-dnh@nic.in>, Office of the Administrator DNH DD <administrator-dnh@nic.in>, comsecyutladakh@gmail.com, MCGWA <mogwa-cgwb@nic.in>, Central Ground Water Authority <cgwa@nic.in>

Reply To : Consultant Judicial-NGT(P.B.) <121judicial-ngt@gov.in>

Respected Sir/Madam

I am directed to send the **Notice, Petition along with Order dated: 20/12/2023 as well as** copy of the **Petition in Original Application No. 728/2023-In re: News item appearing in Hindustan dated 30.11.2023 titled "Arsenic found in groundwater in 25 States, fluoride in 27 States: Govt."** for your kind perusal & necessary action.
For further correspondence please send all the documents on this e-mail-id i.e. judicial-ngt@gov.in
Kindly acknowledge the same.

REGARDS
CONSULTANT (Judicial)
(N.G.T.)(P.B.) New Delhi

-
- **OA NO 728 of 2023 Suo Motu Arsenic.pdf**
984 KB
 - **20-12-2023 order.pdf**
398 KB
 - **notice in OA No 728-2023.pdf**
281 KB
-

BEFORE HON'BLE NATIONAL GREEN TRIBUNAL PRINCIPAL
BENCH

NEW DELHI

O.A. NO. 728 OF 2023

IN THE MATTER OF :

Suomoto Arsenic found in Ground Water in 25 States,
Flouride in 27 States: Govt.

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Through



G.I.C. GEORGE, ADVOCATE
STANDING COUNSEL (UOI)
CH. NO. 457, DELHI HIGH COURT,
NEW DELHI

D4-18/12/2023

BEFORE HON'BLE NATIONAL GREEN TRIBUNAL PRINCIPAL BENCH

NEW DELHI

O.A. NO. 728 OF 2023

IN THE MATTER OF :

Suomoto Arsenic found in Ground Water in 25 States,
Flouride in 27 States: Govt.

REPORT ON BEHALF OF CENTRAL GROUND WATER
AUTHORITY

1. Background

A news article entitled "Arsenic found in ground water in 25 states, fluoride in 27 states: Govt" was published in national daily "The Hindu" on 04.12.2023. The detailed news mentions about detection of Arsenic (As) in ground water in parts of 230 districts in 25 states and fluoride (F) in parts of 469 districts in 27 states in the country as per the information provided by Union Minister of State for Jal Shakti Sh. Bishweswar Tudu in Rajya Sabha on 04.12.2023. In a written reply, the Minister said that the ground water contamination reported by Central Ground Water Board (CGWB) is mostly geogenic in nature and does not show significant change over the years. This Hon'ble Tribunal took Suomoto cognizance of the issue and issued notice to Central Ground Water Authority.



2. Monitoring and Studies on Ground Water Quality By CGWB

Water being State subject, study on ground water quality and making available safe water to public falls under States' mandate. Being the apex organization for ground water, Central Ground Water Board (CGWB) generates ground water quality data on a regional scale during various scientific studies and ground water quality monitoring throughout the country. The periodic monitoring of water quality is done by CGWB once in every year during the pre-monsoon season in which water samples are collected from about 17500 water quality monitoring stations of CGWB spread over the country and chemical analysis is carried out. The water quality monitoring stations comprise of various sources of ground water viz. dugwells, borewells, tubewells, piezometers and springs etc. CGWB has 16 chemical laboratories in different states of the country for water sample analysis, out of which 10 laboratories are NABL accredited. The total number of samples analysed in these chemical laboratories are in the range of 27500-32500 annually. The laboratories of CGWB analyse the ground water samples for 15 major chemical parameters which include (pH, EC, Ca, Mg, TH, Na, K, F, CO₃, HCO₃, SO₄, Cl, NO₃, SiO₂, PO₄) and heavy/trace elements (Fe, Mn, Cu, Zn, Cd, Cr, Pb, As & U) on need basis.

Apart from routine regional scale ground water quality monitoring CGWB has also taken up various studies on ground water quality and contamination of ground water as mentioned below:

1.1.

- Under the National Aquifer Mapping Programme (NAQUIM) of CGWB, special attention is being given to the aspect of ground water quality including contamination by toxic substances such as Arsenic (As) and Fluoride (F) in ground water.
- CGWB along with National Institute of Hydrology (NIH) prepared a report on "Mitigation and Remedy of Ground Water menace in India: A Vision Document" in 2010.
- The study on identification of Arsenic hotspots throughout the country has been started from 2015 by CGWB. Since then, periodic monitoring of As is being done in the identified hot spot states.
- An MoU was signed between CGWB & GSI on 05-01-2022 for five years. Study on Uranium, Lead, Arsenic, Fluoride and Mercury contamination of Ground Water the parts of Punjab, Haryana, Andhra Pradesh, Uttar Pradesh, Bihar, Chhattisgarh, Jharkhand and Assam will be taken up. The studies taken up regarding Arsenic and Fluoride contamination are as follows:
 - Study on Uranium, Lead, Arsenic, Fluoride and Mercury Contamination of Ground Water in the industrial area of North Guwahati, Kamrup, Assam.
 - Reassessment of Arsenic contamination in Patna & Bhojpur District, Bihar.
 - Tracing the source of Uranium in ground water resources of Biharsarif and Roh block in Nawada district of Bihar.
 - Geo-environmental appraisal of Fluoride contamination and assessment of toxic heavy metals in Bagbahara area, Mahasamund district, Chhattisgarh.

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- Assessment of fluoride contamination in surface and groundwater and its management in Jharkhand.
- Study on Uranium, Fluoride contamination of Ground Water in Mathura, Hathras and Aligarh Districts, Uttar Pradesh.

3. Arsenic (As) contamination of Ground Water in India

Arsenic is a naturally occurring trace element found in rocks, soils and the water in contact with them. Arsenic has been recognized as a toxic element and is considered a human health hazard. The maximum permissible limit of Arsenic for drinking purpose is 0.01 mg/L (or 10 ppb) as per BIS (Bureau of Indian Standards) Drinking Water Standards (IS 10500:2012). The BIS permissible limit of Arsenic was revised from 0.05 mg/L (50 ppb) to 0.01 mg/L (10 ppb) in the year 2015.

Arsenic Hotspots of India

The occurrence of Arsenic in ground water was first reported in 1980 in West Bengal in India. Occurrence of Arsenic in groundwater, in excess to the permissible limit of 10 ppb in the Ganges-Brahmaputra fluvial plains in India covering seven states namely, West-Bengal, Jharkhand, Bihar, Uttar Pradesh in flood plain of Ganga River; Assam and Manipur in flood plain of Brahmaputra and Imphal rivers and Rajnandgaon in Chhatisgarh. The most affected areas are on the eastern side of Bhagirathi River in the districts of Malda, Murshidabad, Nadia, North 24 Parganas and South 24 Parganas and western side of the districts of Howrah, Hugli and Bardhaman. The

Dr

occurrence of Arsenic in the states of Bihar, West Bengal and Uttar Pradesh is in alluvial formations. The occurrence of Arsenic in ground water is mainly in the aquifers upto 100 m depth. The deeper aquifers are free from Arsenic contamination. In the state of Chhattisgarh, it is in the volcanic rocks exclusively confined to N-S trending Dongargarh-Kotri ancient rift zone. It has also been reported in Golaghat, Jorhat, Lakhimpur, Nagaon, Nalbari, Sibsagar, Sonitpur district of Assam.

Central Ground Water Board is in the process of continuously updating its database on the locations of Arsenic contamination based on its annual quality data. The number of district included in the list has increased since the permissible limit was revised from 50 ppb to 10ppb by BIS in 2015. The state-wise districts where cases of Arsenic > 0.01 mg/L have been recorded in ground water are given in **Table-1**.

Table-1: Districts having Arsenic >0.01 mg/L in Ground Water in Different States of India

Sl. No.	State	Parts of Districts having As > 10 ppb (0.01 mg/L)	No of Districts
1	Andhra Pradesh	Ananthapur, East Godavari, Guntur, Krishna, Kurnool, Nellore, Prakasam	7
2	Assam	Baksha, Barpeta, Bongaigaon, Cachar, Darrang, Dhemaji, Dibrugarh, Dhubri, Goalpara, Golaghat, Hailakandi, Jorhat,	21

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Sl. No.	State	Parts of Districts having As > 10 ppb (0.01 mg/L)	No of Districts
		Kamrup, Karimganj, Lakhimpur, Morigaon, Nagaon, Nalbari, Sivsagar, Sonitpur, Biswanth	
3	Bihar	Araria, Begusarai, Bhagalpur, Bhojpur, Buxar, Darbhanga, Katihar, Khagaria, Kishanganj, Lakhisarai, Munger, Patna, Purnea, Samastipur, Saran, Vaishali, E.Champaran, Gopalganj, Sheohar, Supaul, Madhepura, Muzaffarpur, Saharsa, Siwan, W. Champaran, Sitamarhi, Madhubani.	27
4	Chhattisgarh	Rajnandgon, Raipur, Raigarh, Koriya	4
5	Delhi	East Delhi, North East Delhi, South east Delhi, Central, Nazul Land	5
6	Gujarat	Amreli, Anand, Bharuch, Bhavnagar, Dahod, Gandhinagar, Kachchh, Mehesana, Patan, Rajkot, Surendranagar, Vadodara	12
7	Haryana	Ambala, Bhiwani, Faridabad, Fatehabad, Hissar, Jhajjar, Jind, Karnal, Panipat, Rohtak, Sirsa, Sonapat, Yamunanagar, Mahendergarh, Palwal, Panchkula, Rewari, Kaithal	18
8	Himachal Pradesh	Kangra	1
9	Jammu &	Jammu, Kathua, Rajouri	3

Sl. No.	State	Parts of Districts having As > 10 ppb (0.01 mg/L)	No of Districts
	Kashmir		
10	Jharkhand	Sahebganj, Lohardaga, Godda, Dhanbad	4
11	Karnataka	Raichur, Gadag, Yadgir	3
12	Kerala	Kollam	1
13	Madhya Pradesh	Betul, Burhanpur, Chhindwara, Dhar, Khandwa, Mandsaur, Morena, Neemuch, Umaria	9
14	Manipur	Bishnupur, Thoubal	2
15	Odisha	Bhadrak, Gajapati, Ganjam, Jagatsinghpur, Kendrapara	5
16	Punjab	Mansa, Amritsar, Bhatinda, Fazilka, Ferozpur, Gurdaspur, Hoshiarpur, Kapurthala, Ropar, Faridkot, Nawashahar, Sangrur, TaranTaran, SAS Nagar, Pathan kot, Patiala, Chandigarh	17
17	Rajasthan	Ganganagar, Pali, Bikaner, Banswara, Bhilwara, Churu, Hanumangarh, Jodhpur, Sirohi, Tonk	10
18.	Tamil Nadu	Ariyalur, Perambalur, Dindigul, Cuddalore, Nagapattinam, Ramnathapuram, Tiruvallur, Tirunelveli, Thiruvarur, Trichchirappalli, Tuticorin, Sivaganga, Chennai, Dharmapuri	14
19	Telangana	Nalgonda	1
20	Tripura	North Tripura, Gomati and South Tripura	3

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Sl. No.	State	Parts of Districts having As > 10 ppb (0.01 mg/L.)	No of Districts
21	Uttar Pradesh	Bahraich, Balia, Balrampur, Barcilly, Basti, Bijnor, Chandauli, Ghazipur, Gonda, Gorakhpur, LakhimpurKheri, Meerut, Mirzapur, Moradabad, Rai Bareilly, SantKabir Nagar, Shajahanpur, Siddarthnagar, SantRavidas Nagar, Unnao, Azamgarh, Rampur, Badaun, Deoria, Jhansi, Kausambi, Kushinagar, Pilibhit, Banda, Sitapur, Hardoi, Muzaffarnagar, Sultanpur, Faizabad, Pratapgarh, Maunath Bhanjan, Barabanki, Maharajgang, JP Nagar, Ayodhya, Bulandsahr, Firozabad, Farrukhabad, Hapur, Kannauj	45
22	Uttarakhand	Dehradun, Udham Singh Nagar, Haridwar, Almora, Uttarkashi	5
23	West Bengal	Purba Bardhaman, Dakshin Dinajpur, Hooghly, Howrah, Malda, Murshidabad, Nadia, N-24 Parganas, S- 24 Parganas, Coochbehar, Uttar Dinajpur	11
24	Daman & Diu	Diu	1
25	Puducherry	Pondicherry	1
	Total	25 States/UTs	230 Districts

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Thus there are 230 districts in 25 states/UTs across the country where instances of one or more Arsenic contamination have been detected.

4. Fluoride (F) contamination of Ground Water in India

Fluorine is the most electronegative and reactive of all elements that occur naturally within many types of rock. It exists in the form of fluorides in a number of minerals of which fluorspar, cryolite, fluorite and fluorapatite are the most common. The fluoride found in groundwater is naturally occurring from the breakdown of rocks and soils or weathering and deposition of atmospheric particles. Most of the fluorides are sparingly soluble and are present in ground water in small amounts.

It is well known that small amounts of fluoride (less than 1.0 mg/L) have proven to be beneficial in reducing tooth decay. Community water supplies commonly are treated with NaF or fluorosilicates to maintain fluoride levels ranging from 0.8 to 1.2 mg/L to reduce the incidence of *dental carries*. However, high concentrations such as 1.5 mg/L of F and above have resulted in staining of tooth enamel while at still higher levels of fluoride ranging between 5.0 and 10 mg/L, further pathological changes such as stiffness of the back and difficulty in performing natural movements may take place.

BIS has recommended an upper desirable limit of 1.0 mg/L of F⁻ as desirable concentration of fluoride in drinking water, which can be extended to 1.5 mg/L.

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of F in case no alternative source of water is available. Water with concentration of fluoride more than 1.5 mg/L, are not suitable for drinking purposes.

The fluoride content in groundwater from observation wells in a major part of the country is found to be less than 1.0 mg/L. The distribution of ground water samples with fluoride concentration more than 1.5 mg/L at several locations in the States of Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Rajasthan, Chhattisgarh, Haryana, Orissa, Punjab, Tamil Nadu, Kerala, Telangana, Haryana, Uttar Pradesh West Bengal, Bihar, Delhi, Jharkhand, Maharashtra, and Assam West Bengal where the fluoride in ground water exceeds 1.5 mg/L. The state-wise districts where instances of Arsenic > 0.01 mg/L in ground water have been recorded are given in Table-2.

Table-2 : Districts having localized occurrence of Fluoride (>1.5mg/L) in groundwater in India

Sl. No.	State	Parts of Districts having Fluoride (>1.5 mg/L)	No of Districts
1	Andhra Pradesh	Alluri Sitharama Raju, Ananthapur, Annamayya, Bapatla, Chittoor, Guntur, Krishna, Kurnool, NTR District, Palnadu, Prakasam, Sirkakulam, SPS Nellore, Sri Balaji Dist, Sri Satyasai District, Visakhapatnam, Vizianagaram, West-Godavari, YSR, Kadapa,	19

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Sl No.	State	Parts of Districts having Fluoride (>1.5 mg/L)	No of Distri cts
2	Assam	Bangiagaon, Cachar, Dhubri, Dibrugarh, Goalpara, Hailakandi, Kamrup, KarbiAnglong, Lakhimpur, Naugaon, Golaghat, Karimganj, Sivasagar, Jorhat, Sonitpur, Morigaon, Darrang	17
3	Bihar	Aurangabad, Banka, Bhagalpur, Gaya, Jamui, Kaimur (Bhabua), Munger, Nawada, Rohtas, Jahanabd, Lakhisarai, Sheikhpura, Nalanda, Saharsa, Supaul, Samastipur, Sheikhpura, Nalanda, Muzaffarpur	19
4	Chhattis garh	Bastar, Balod, Balrampur, Bemetra, Bijapur, Durg, Kanker, Kondagaon, Korba, Koriya, Raigarh, Surajpur, Surguja, Jashpur, Dhamtari, Mahasamund, Rajnandgaon, Bilaspur, Raipur, Mungeli, Janjgir-Champa, Raigarh, Gariyabandh	23
5	Delhi	East Delhi, New Delhi, North West Delhi, Central, South Delhi, South West Delhi, North Delhi, West Delhi	8
6	Gujarat	Ahmedabad, Amreli, Anand, Aravalli, Banaskantha, Bharuch, Bhavnagar, Chota Udaipur, Dahod, Gandhinagar, Jamnagar, Junagadh, Kachchh, Kheda, Mehesana, Panchmahals, Patan, Porbandar, Rajkot, Sabarkantha, Surendranagar, Vadodara, Navsari, Surat, Valsad, Botad, Morvi, Dev Bhumi Dwarka, Gir Somnath, Mahisagar	30
7	Haryana	Ambala, Bhiwani, Fatehabad, Faridabad, Gurgaon, Hissar,	21



Sl. No.	State	Parts of Districts having Fluoride (>1.5 mg/L)	No of Districts
		Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendergarh, Panchkula, Palwal, Panipat, Rewari, Rohtak, Sirsa, Sonapat, Yamuna Nagar, Mewat	
8	Himachal Pradesh	Sirmour, Una	2
9	Jammu & Kashmir	Jammu, Kathua, Udhampur, Samba	4
10	Jharkhand	Bokaro, Chatra, Deoghar, Dhanbad, Garhwa, Giridih, Godda, Gumla, Jamtara, Koderma, Pakur, Palamu, Ramgarh, Ranchi, Sahebganj, Khunti, Latchar	17
11	Karnataka	Bagalkot, Bangalore-Rural, Bangalore-Urban, Belgaum, Bellary, Bidar, Bijapur, Chikaballapur Chamarajanagar, Chikmagalur, Chitradurga, Davanagere, Dharwad, Dakshina Kannada, Gadag, Gulbarga, Hassan, Haveri, Kolar, Koppal, Mandya, Mysore, Raichur, Ramnagara, Shimoga, Tumkur, Yadgir, Uttara Kannada, Udupi, Kodagu, Vijayanagara	31
12	Kerala	Palakkad, Alappuzha, Idukki, Ernakulam, Thiruvananthapuram, Malappuram	6
13	Madhya Pradesh	Alirajpur, Balaghat, Barwani, Betul, Bhind, Bhopal, Chhatarpur, Chhindwara, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Harda, Jabalpur, Jhabua, Khargon, Mandla, Mandsaur, Morena, Narsinhpur, Neemuch, Panna,	44

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Sl No.	State	Parts of Districts having Fluoride (>1.5 mg/L)	No of Distri cts
		Raisen, Rajgarh, Ratlam, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Sheopur, Sidhi, Shivpuri, Singrauli, Ujjain, Vidisha, Anuppur, Indore, Khandwa, Tikkamgarh, Umaria	
14	Maharashtra	Ahmednagar, Amravati, Beed, Chandrapur, Bhandara, Dhule, Gadchiroli, Gondia, Jalna, Nagpur, Nanded, Parbhani, Ratnagiri, Sangli, Satara, Sindhudurg, Solapur, Wardha, Washim, Yavatmal, Hingoli, Nandurbar	22
15	Manipur	Thoubal	1
16	Meghalaya	East Jaintia, West Garo Hills, Ri Bhoi, North Garo Hills, Khowai	5
17	Nagaland	Dimapur, Phek, Kohima	3
18	Odisha	Angul, Balasore, Bhadrak, Bargarh, Bolangir, Boudh, Cuttack, Deogarh, Dhenkanal, Jajpur, Kandhamal, Keonjhar, Khurda, Mayurbhanj, Nayagarh, Nuapada, Ganjam, Jagatsinghpur, Kalahandi, Koraput, Puri, Rayagada, Sambalpur, Sonepur, Sundargarh, Gajapati	26
19	Punjab	Amritsar, Barnala, Bhatinda, Fazilka, Faridkot, Fatehgarh Sahib, Firozpur, Gurdaspur, Jalandhar, Ludhiana, Mansa, Moga, Muktsar, Pathankot, Patiala, Ropar, Sangrur, SAS Nagar (Mohali), Tarn-Taran	19
20	Rajasthan	Ajmer, Alwar, Banswara, Barmer, Bharatpur, Baran,	33

Alkhanna

Sl. No.	State	Parts of Districts having Fluoride (>1.5 mg/L)	No of Districts
	n	Bhilwara, Bikaner, Bundi, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Pratapgarh, Rajsamand, Sirohi, Sikar, Sawai Madhopur, Tonk, Udaipur	
21	Tamil Nadu	Coimbatore, Dharmapuri, Dindigul, Erode, Karur, Kancheepuram, Krishnagiri, Namakkal, Madurai, Pudukotai, Ramanathanpuram, Salem, Sivagangai, Theni, Thiruvannamalai, Tiruchirapally, Thirunelveli, Tirupur, Vellore, Cuddalore, Perambalur, Thanjavur, Thiruvarur, Tuticorin, Virudhunagar, Tiruvallur, Madurai, Chennai, Kanyakumari, Villipuram.	30
22	Telangana	Adilabad, Bhadrachalam, Hanamkonda, Hyderabad, Jagtial, Jangaon, Karimnagar, Khammam, Komarambhem, Mahabubabad, Mahabubnagar, Mancherla, Medak, Medchal, Mulugu, Nagarkurnool, Nalgonda, Narayanpur, Nirmal, Nizamabad, Peddapalle, Rajanna, Rangareddy, Sangareddy, Siddipet, Suryapet, Vikarabad, Warangal, Yadadri	29
23	Tripura	Unakoti, Khowai and North Tripura	3

11/1

Sl No.	State	Parts of Districts having Fluoride (>1.5 mg/L)	No of Districts
23	Tripura	Unakoti, Khowai and North Tripura	3
24	Uttar Pradesh	Agra, Aligarh, Allahabad, Auraiya, Azamgarh, Banda, Bulandshahar, Chitrakoot, Etah, Etawah, Farrukhabad, Fatehpur, Firozabad, G B Nagar, Ghazipur, Gonda, Ghaziabad, Hamirpur, Hathras, Jaunpur, Kannauj, Kanpur Nagar, Kasganj (Kashiram Nagar), Lalitpur, Mahoba, Mainpuri, Mathura, MaunathBhanjan, Pratapgarh, Rai Bareilly, Shajahanpur, Sonbhadra, Sultanpur, Varanasi and Unnao, Chandauli, Gonda, Hardoi, Sitapur, Jalaun, Amroha, Kanpur Dehat, Rampur	43
25	Uttarakhand	Uttarkashi	1
26	West Bengal	Bankura, Bardhaman, Birbhum, Dakshindinajpur, Malda, Purulia, Uttardinajpur, South 24 Praganas, Nadia Murshidabad, Paschim Medinipore, Paschim Bardaman	12
27	DNH, Daman & Diu	Dadra and Nagar Haveli	1
	Total	27 States/UTs	469 Districts

Atkham

Thus there are 469 districts in 27 states/UTs across the country where instances of one or more Fluoride contamination have been detected.

5. Mitigation of Ground Water Contamination by As and F

The studies on arsenic and fluoride contamination indicate that occurrence of these contamination in various parts of the country are mostly geogenic in nature, which means these constituents are already in the rock and soil matrix and they get in to the ground water through various chemical processes. There is no conclusive evidence regarding increase in concentration of these contaminants over time. However, when the contaminant is in the ground water, it has the tendency to spread along with the flow of ground water.

Various steps have been taken by the Central Government for facilitating ground water quality improvement/ remediation of contamination in the country, as given below:

1. Data on ground water quality available with CGWB are being shared with concerned State Governments for taking necessary remedial measures such as prohibition of contaminated sources of ground water for drinking purposes and finding alternate sources for drinking water supply.
2. CGWB constructs wells for Exploration of Ground Water. Successful contamination- free wells are handed over to the State Governments for gainful utilization.
3. Under the National Aquifer Mapping Programme (NAQUIM) of CGWB, special attention is being given to the aspect of ground water quality including contamination by toxic substances such as Arsenic in ground water. Further, under NAQUIM, CGWB constructs arsenic safe exploratory wells in arsenic affected parts of the States of West Bengal, Bihar and Uttar Pradesh. The arsenic safe deeper aquifer zones have been identified and wells have been

constructed tapping the arsenic safe deeper aquifers using innovative cement sealing technique. So far, 522 exploratory wells tapping arsenic safe aquifers have been constructed under NAQUIM programme including 40 in Bihar, 188 in West Bengal and 294 in Uttar Pradesh. In addition, the innovative cement sealing technique of CGWB has been shared with the state agencies to utilize to construct arsenic free wells.

4. Awareness generation programs/ workshop on various aspects of ground water including preventing ground water pollution and safe use of contaminated water are being conducted by CGWB periodically.
5. Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti has issued guidelines for control and regulation of groundwater extraction with pan-India applicability notified on 24 September 2020. The guidelines include clauses on 'Measures to be adopted to ensure prevention from pollution in the plant premises of polluting industries/projects'. It is pointed out that ground water in and around polluting industries like Tannery, Slaughter Houses, Dye, Chemical, Coal-washery, other hazardous units, etc. and is generally observed to be polluted. In order to prevent further deterioration of ground water quality in such places, it is essential to take necessary measures for well head protection, such as Tube well/ bore well to be constructed at the place which is hygienically maintained, RCC (Reinforced Concrete Cement) grouting around tubewell, no recharge measures within the plant premises etc.

Anurag Khanna 18/12/23

(ANURAG KHANNA)

Member (North), Central Ground Water Board
For CENTRAL GROUND WATER AUTHORITY

जी. कृष्णामूर्ति
G. Krishnamurthy
क्षेत्रीय निदेशक
Regional Director



भारत सरकार / Government of India
जल शक्ति मंत्रालय / Ministry of Jal Shakti
जल संसदन, नदी विकास और गंगा संरक्षण विभाग
Dept. of Water Resources,
River Development & Ganga Rejuvenation
केंद्रीय भूमि जल बोर्ड / Central Ground Water Board
दक्षिणी क्षेत्र / Southern Region
जी.एस.आई. पोस्ट, बंडलगुडा / GSI Post, Bandlaguda
हैदराबाद / Hyderabad-500068

F.No. 1/PA/RD/GK/CGWB/SR/2023-24 - 133

23.01.2024

23 JAN 2024

To
Sri Hari Ram Naik, B.E. M. Tech,
Chief Engineer & Project Director,
SWSM, RWS&S Dept. Vijayawada, Andhra Pradesh

Sub: Locations showing more than permissible limits of arsenic and fluoride in Ground water samples in Andhra Pradesh

Ref: Your Lr. No. SLL/SWSM/NRDWP-WQM&S/NAQUIM/CGWB/117/2023-24 dated 12.01.2024

Sir,

With reference to the subject and reference cited above, please find enclosed herewith the details of locations where arsenic and fluoride in ground water found more than permissible limits in Andhra Pradesh.

This is for your kind information and further necessary action

Encl: As above

Yours faithfully,

(G. Krishnamurthy)
Regional Director

जी. कृष्णामूर्ति / G. KRISHNAMURTHY
क्षेत्रीय निदेशक / Regional Director
केंद्रीय भूमि जल बोर्ड / Central Ground Water Board
दक्षिणी क्षेत्र / Southern Region
हैदराबाद / Hyderabad-500 068.

Locations showing Arsenic more than permissible limits in Andhra Pradesh

S.No	District	Mandal	Village/Location	Latitude	Longitude	Type of Well	Depth of Well (m bgl)	Arsenic (>0.01 mg/l)	Annexure-I	
									Geology	Basin/Sub Basin
1	Ananthapur	Atmakur	Waddipelli	14.67	77.45	DW	11.05	0.0162	BGC	Pennar Basin
2	East Godavari	Ilpatavaram	Komragiri	16.70	82.18	DW	12	0.0143	Alluvium	Godavari Basin
3	East Godavari	Mamidikurupuru	Appanapalle	16.53	81.92	DW	10	0.0184	Alluvium	Godavari Basin
4	East Godavari	P. Gannavaram	Mungunda	16.60	81.92	PZ	70	0.0179	Alluvium	Godavari Basin
5	East Godavari	Rampachodavaram	Selkavathi	17.46	81.67	DW	11	0.0129	Khondalite	Godavari Basin
6	Guntur	Bapatla	Cheruvu Jamolepalem	15.93	80.45	DW	8	0.0248	Alluvium	Krishna Basin
7	Guntur	Bettiprolu	Bhattiprolu	16.09	80.75	DW	10	0.0106	Alluvium	Krishna Basin
8	Guntur	Cherukupalle	Punnupalle	16.06	80.70	DW	10	0.035	Alluvium	Krishna Basin
9	Guntur	Karlapalem	Motupalem	15.93	80.57	DW	11	0.034	Alluvium	Krishna Basin
10	Guntur	Mechavaram	Murjampadu	16.58	79.88	DW	13.65	0.0228	Limestone	Krishna Basin
11	Guntur	Narasaraopet	Jonnalagadda	16.24	80.08	DW	8.3	0.0211	BGC	Krishna Basin
12	Guntur	Nizampatnam	Pallapatta-Dw	15.97	80.76	DW	11	0.0417	Alluvium	Krishna Basin
13	Guntur	Pedarandipadu	Varajami	16.08	80.31	DW	10	0.0126	Alluvium	Krishna Basin
14	Guntur	Piduguralla	Guttikonda	16.13	79.84	DW	11	0.0175	Limestone	Krishna Basin
15	Guntur	Repalle	Repalle	16.02	80.84	DW	10	0.0175	Alluvium	Krishna Basin
16	Guntur	Rompicherla	Rompicherla	16.22	79.91	DW	8.65	0.0124	BGC	Krishna Basin
17	Guntur	Tadikonda	Tadikonda-Dw	16.42	80.45	DW	11.67	0.0218	Charnockite	Krishna Basin
18	Krishna	Mudirepalle	Upparigudem	16.40	81.18	DW	10	0.01	Alluvium	Krishna Basin
19	Krishna	Peelane	Nadapur	16.28	81.13	DW	11	0.013	Alluvium	Krishna Basin
20	Kurnool	Adoni	Gulyam	15.37	77.14	DW	9	0.0388	BGC	Krishna Basin
21	Nellore	Atmakur	Kattam Pahad	14.68	79.54	DW	8.35	0.0519	Schist	Pennar Basin
22	Prakasam	Chirala	Vadareyu	15.80	80.41	DW	11	0.0137	Alluvium	Gundlakamma
23	Prakasam	Kurichodu	Vengalalipalem	15.92	79.59	DW	8.21	0.0106	Schist	Gundlakamma
DW: Dug Well		P: Piezometer								

[illegible]

Note on Arsenic and Fluoride concentrations more than permissible limits in Ground Water from the samples analyzed by CGWB, SR, Hyderabad in Andhra Pradesh

The Central Ground Water Board, Southern Region, Hyderabad had analyzed ground water samples from National Hydrograph network monitoring stations of CGWB in the year 2019. Out of total 588 samples analyzed, Arsenic was found more than permissible limits (i.e. 0.01 mg/l) in 23 samples (3.87%) in parts of erstwhile Anantapur, East Godavari, Guntur, Krishna, Kurnool, Nellore, Prakasam districts in Andhra Pradesh. The list of the locations with concentrations above 0.01 mg/l is provided in **Annexure I**.

The analysis of 940 ground water samples from National Hydrograph network monitoring stations and exploratory wells of CGWB in the year 2022, reveals that Fluoride content more than permissible limits (i.e. >1.5 mg/L) in ground water was found in 92 samples (9.7%) in parts of Alluri Sita Rama Raju, Anakapalli, Ananthapuramu, Annamayya, Bapatla, East Godavari, Eluru, Krishna, Kurnool, NTR, Palnadu, Parvathipuram Manyam, Prakasam, SPSR Nellore, Sri Sathya Sai, Srikakulam, Tirupati, Vizianagaram, West Godavari and Y.S.R Kadapa districts. The list of the locations with concentrations above 1.5 mg/l is provided in **Annexure II**.

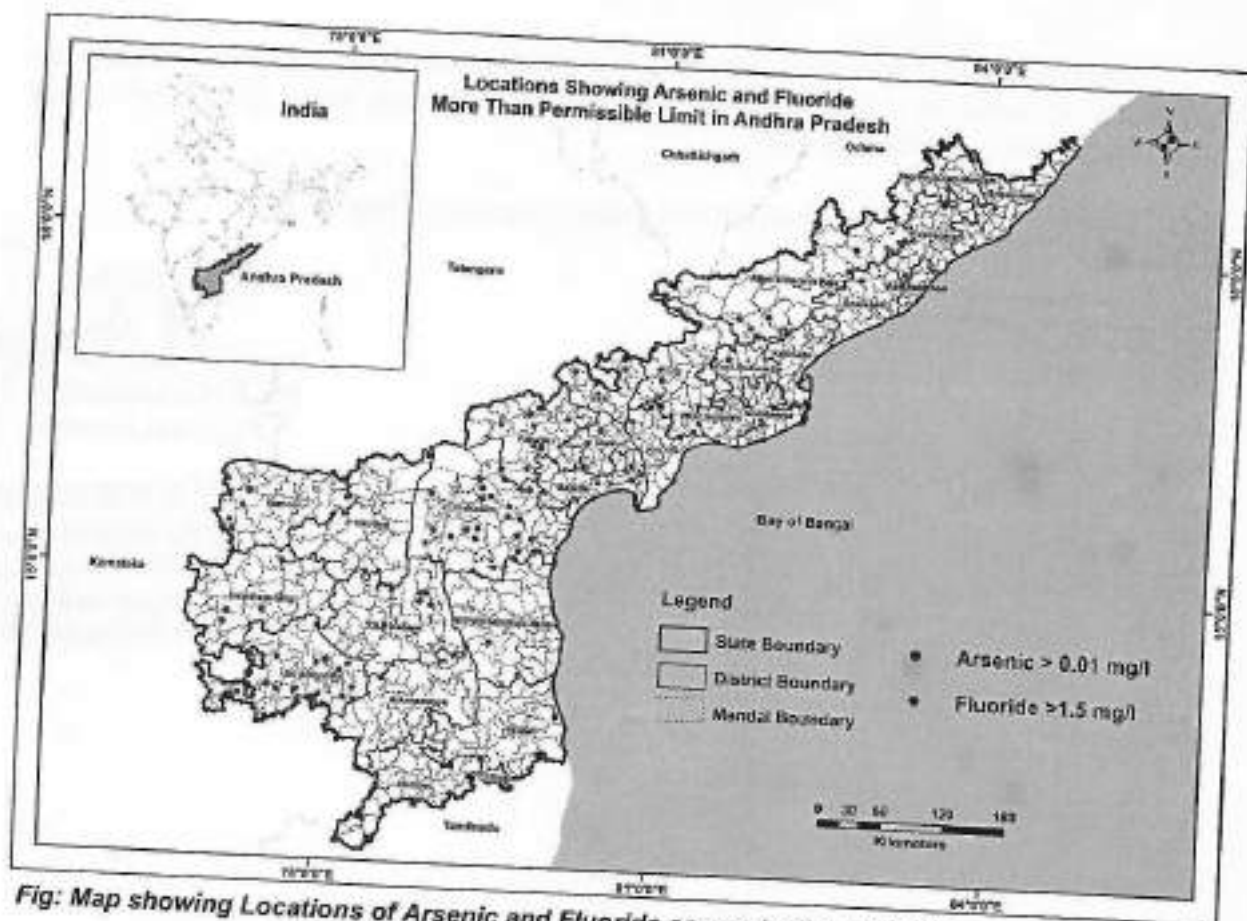


Fig: Map showing Locations of Arsenic and Fluoride concentration more than permissible limits

IS 10500 : 2012

Indian Standard

DRINKING WATER — SPECIFICATION

(Second Revision)

1 SCOPE

This standard prescribes the requirements and the methods of sampling and test for drinking water.

2 REFERENCES

The standards listed in Annex A contain provisions which through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated in Annex A.

3 TERMINOLOGY

For the purpose of this standard the following definition shall apply.

3.1 Drinking Water — Drinking water is water intended for human consumption for drinking and cooking purposes from any source. It includes water (treated or untreated) supplied by any means for human consumption.

4 REQUIREMENTS

Drinking water shall comply with the requirements given in Tables 1 to 4. The analysis of pesticide residues given in Table 3 shall be conducted by a recognized laboratory using internationally established test method meeting the residue limits as given in Table 5.

Drinking water shall also comply with bacteriological requirements (see 4.1), virological requirements (see 4.2) and biological requirements (see 4.3).

4.1 Bacteriological Requirements

4.1.1 Water in Distribution System

Ideally, all samples taken from the distribution system including consumers' premises, should be free from coliform organisms and the following bacteriological quality of drinking water collected in the distribution system, as given in Table 6 is, therefore specified when tested in accordance with IS 1622.

4.2 Virological Requirements

4.2.1 Ideally, all samples taken from the distribution

Table 1 Organoleptic and Physical Parameters
(Foreword and Clause 4)

Sl No.	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Method of Test, Ref to Part of IS 3925	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
i)	Colour, Hazen units, Max	5	15	Part 4	Extended to 15 only, if toxic substances are not suspected in absence of alternate sources
ii)	Odour	Agreeable	Agreeable	Part 5	a) Test cold and when heated b) Test at several dilutions
iii)	pH value	6.5-8.5	No relaxation	Part 11	—
iv)	Taste	Agreeable	Agreeable	Parts 7 and 8	Test to be conducted only after safety has been established
v)	Turbidity, NTU, Max	1	5	Part 10	—
vi)	Total dissolved solids, mg/l, Max	500	2 000	Part 16	—

NOTE — It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible limit in the absence of alternate source' in col 4, above which the sources will have to be rejected.

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Table 2 General Parameters Concerning Substances Undesirable in Excessive Amounts
(Foreword and Clause 4)

Sl No.	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Method of Test, Ref to	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
i)	Aluminium (as Al), mg/l, <i>Max</i>	0.03	0.2	IS 3025 (Part 55)	—
ii)	Arsenic (as total arsenic-N), mg/l, <i>Max</i>	0.5	No relaxation	IS 3025 (Part 34)	—
iii)	Anionic detergents (as MBAS) mg/l, <i>Max</i>	0.2	1.0	Annex K of IS 13428	—
iv)	Barium (as Ba), mg/l, <i>Max</i>	0.3	No relaxation	Annex P of IS 13428* or IS 15302	—
v)	Boron (as B), mg/l, <i>Max</i>	0.5	1.0	IS 3025 (Part 57)	—
vi)	Calcium (as Ca), mg/l, <i>Max</i>	75	200	IS 3025 (Part 40)	—
vii)	Chloramines (as Cl ₂), mg/l, <i>Max</i>	4.0	No relaxation	IS 3025 (Part 26)* or APHA 4500-Cl G	—
viii)	Chloride (as Cl), mg/l, <i>Max</i>	250	1 000	IS 3025 (Part 32)	—
ix)	Copper (as Cu), mg/l, <i>Max</i>	0.05	1.5	IS 3025 (Part 42)	—
x)	Fluoride (as F) mg/l, <i>Max</i>	1.0	1.5	IS 3025 (Part 60)	—
xi)	Free residual chlorine, mg/l, <i>Min</i>	0.2	1	IS 3025 (Part 26)	To be applicable only when water is chlorinated. Tested at consumer end. When pro- tection against viral infec- tion is required, it should be minimum 0.5 mg/l
xii)	Iron (as Fe), mg/l, <i>Max</i>	0.3	No relaxation	IS 3025 (Part 53)	Total concentration of man- ganese (as Mn) and iron (as Fe) shall not exceed 0.3 mg/l
xiii)	Magnesium (as Mg), mg/l, <i>Max</i>	30	100	IS 3025 (Part 46)	—
xiv)	Manganese (as Mn), mg/l, <i>Max</i>	0.1	0.3	IS 3025 (Part 59)	Total concentration of man- ganese (as Mn) and iron (as Fe) shall not exceed 0.3 mg/l
xv)	Mineral oil, mg/l, <i>Max</i>	0.5	No relaxation	Clause 6 of IS 3025 (Part 39) Infrared partition method	—
xvi)	Nitrate (as NO ₃), mg/l, <i>Max</i>	45	No relaxation	IS 3025 (Part 34)	—
xvii)	Phenolic compounds (as C ₆ H ₅ OH), mg/l, <i>Max</i>	0.001	0.002	IS 3025 (Part 43)	—
xviii)	Selenium (as Se), mg/l, <i>Max</i>	0.01	No relaxation	IS 3025 (Part 56) or IS 15303*	—
xix)	Silver (as Ag), mg/l, <i>Max</i>	0.1	No relaxation	Annex J of IS 13428	—
xx)	Sulphate (as SO ₄), mg/l, <i>Max</i>	200	400	IS 3025 (Part 24)	May be extended to 400 pro- vided that Magnesium does not exceed 30
xxi)	Sulphide (as H ₂ S), mg/l, <i>Max</i>	0.05	No relaxation	IS 3025 (Part 29)	—
xxii)	Total alkalinity as calcium carbonate, mg/l, <i>Max</i>	200	600	IS 3025 (Part 23)	—
xxiii)	Total hardness (as CaCO ₃), mg/l, <i>Max</i>	200	600	IS 3025 (Part 21)	—
xxiv)	Zinc (as Zn), mg/l, <i>Max</i>	5	15	IS 3025 (Part 49)	—

NOTES

1 In case of dispute, the method indicated by * shall be the referee method.

2 It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible limit in the absence of alternate source' in col 4, above which the sources will have to be rejected.

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Table 3 Parameters Concerning Toxic Substances
(Foreword and Clause 4)

Sl No.	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Method of Test, Ref to	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
i)	Cadmium (as Cd), mg/l, Max	0.003	No relaxation	IS 3025 (Part 41)	—
ii)	Cyanide (as CN), mg/l, Max	0.05	No relaxation	IS 3025 (Part 27)	—
iii)	Lead (as Pb), mg/l, Max	0.01	No relaxation	IS 3025 (Part 47)	—
iv)	Mercury (as Hg), mg/l, Max	0.001	No relaxation	IS 3025 (Part 48) Mercury analyser	—
v)	Molybdenum (as Mo), mg/l, Max	0.07	No relaxation	IS 3025 (Part 2)	—
vi)	Nickel (as Ni), mg/l, Max	0.02	No relaxation	IS 3025 (Part 54)	—
vii)	Pesticides, mg/l, Max	See Table 5	No relaxation	See Table 5	—
viii)	Polychlorinated biphenyls, mg/l, Max	0.000 5	No relaxation	ASTM 5175*	—
ix)	Polynuclear aromatic hydrocarbons (as PAH), mg/l, Max	0.000 1	No relaxation	APHA 6440	or APHA 6630
x)	Total arsenic (as As), mg/l, Max	0.01	0.05	IS 3025 (Part 37)	—
xi)	Total chromium (as Cr), mg/l, Max	0.05	No relaxation	IS 3025 (Part 52)	—
xii)	Trihalomethanes:				
a)	Bromoform, mg/l, Max	0.1	No relaxation	ASTM D 3973-85* or APHA 6232	—
b)	Dibromochloromethane, mg/l, Max	0.1	No relaxation	ASTM D 3973-85* or APHA 6232	—
c)	Bromodichloromethane, mg/l, Max	0.06	No relaxation	ASTM D 3973-85* or APHA 6232	—
d)	Chloroform, mg/l, Max	0.2	No relaxation	ASTM D 3973-85* or APHA 6232	—

NOTES

1 In case of dispute, the method indicated by '+' shall be the referee method.

2 It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible limit in the absence of alternate source' in col 4, above which the sources will have to be rejected.

Table 4 Parameters Concerning Radioactive Substances
(Foreword and Clause 4)

Sl No.	Characteristic	Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source	Method of Test, Ref to Part of IS 14194	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
i)	Radioactive materials:				
a)	Alpha emitters Bq/l, Max	0.1	No relaxation	Part 2	—
b)	Beta emitters Bq/l, Max	1.0	No relaxation	Part 1	—

NOTE — It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible limit in the absence of alternate source' in col 4, above which the sources will have to be rejected.

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Table 5 Pesticide Residues Limits and Test Method
(Foreword and Table 3)

Sl No.	Pesticide	Limit µg/l	Method of Test, Ref to	
			USEPA (4)	AOAC/ ISO (5)
(1)	(2)	(3)		
i)	Alachlor	20	525.2, 507	—
ii)	Atrazine	2	525.2, 8141 A	—
iii)	Aldrin/ Dieldrin	0.03	508	—
iv)	Alpha HCH	0.01	508	—
v)	Beta HCH	0.04	508	—
vi)	Banachlor	125	525.2, 8141 A	—
vii)	Chlorpyrifos	30	525.2, 8141 A	—
viii)	Delta HCH	0.04	508	—
ix)	2,4- Dichlorophenoxyacetic acid	30	515.1	—
x)	DDT (o, p and p, p - Isomers of DDT, DDE and DDD)	1	508	AOAC 990.06
xi)	Endosulfan (alpha, beta, and sulphate)	0.4	508	AOAC 990.06
xii)	Ethion	3	1657 A	—
xiii)	Gamma - HCH (Lindane)	2	508	AOAC 990.06
xiv)	Isoproturon	9	532	—
xv)	Malathion	190	8141 A	—
xvi)	Methyl parathion	0.3	8141 A	ISO 10695
xvii)	Monocrotophos	1	8141 A	—
xviii)	Phorate	2	8141 A	—

NOTE — Test methods are for guidance and reference for testing laboratory. In case of two methods, USEPA method shall be the reference method.

Table 6 Bacteriological Quality of Drinking Water¹⁾
(Clause 4.1.1)

Sl No.	Organisms	Requirements
(1)	(2)	(3)
i)	All water intended for drinking:	
a)	<i>E. coli</i> or thermotolerant coliform bacteria ²⁾	Shall not be detectable in any 100 ml sample
ii)	Treated water entering the distribution system:	
a)	<i>E. coli</i> or thermotolerant coliform bacteria ²⁾	Shall not be detectable in any 100 ml sample
b)	Total coliform bacteria	Shall not be detectable in any 100 ml sample
iii)	Treated water in the distribution system:	
a)	<i>E. coli</i> or thermotolerant coliform bacteria	Shall not be detectable in any 100 ml sample
b)	Total coliform bacteria	Shall not be detectable in any 100 ml sample

¹⁾Immediate investigative action shall be taken if either *E. coli* or total coliform bacteria are detected. The minimum action in the case of total coliform bacteria is repeat sampling; if these bacteria are detected in the repeat sample, the cause shall be determined by immediate further investigation.

²⁾Although, *E. coli* is the more precise indicator of faecal pollution, the count of thermotolerant coliform bacteria is an acceptable alternative. If necessary, proper confirmatory tests shall be carried out. Total coliform bacteria are not acceptable indicators of the sanitary quality of rural water supplies, particularly in tropical areas where many bacteria of no sanitary significance occur in almost all untreated supplies.

³⁾It is recognized that, in the great majority of rural water supplies in developing countries, faecal contamination is widespread. Under these conditions, the national surveillance agency should set medium-term targets for progressive improvement of water supplies.

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AMENDMENT NO. 1 JUNE 2015
TO
IS 10500 : 2012 DRINKING WATER — SPECIFICATION
(Second Revision)

[Page 2, Table 2, Sl No. xii), col 3] — Substitute '1.0' for '0.3'.

[Page 3, Table 3, Sl No. x), col 4] — Substitute 'No relaxation' for '0.05'.

(FAD 14)

Publication Unit, BIS, New Delhi, India



OPERATIONAL GUIDELINES FOR THE IMPLEMENTATION OF

JAL JEEVAN MISSION

Har Ghar Jal



सत्यमेव जयते

Government of India
Ministry of Jal Shakti
Department of Drinking Water and Sanitation
National Jal Jeevan Mission
New Delhi 110 003

December, 2019

10

Water Quality Monitoring and Surveillance

Water testing is important for monitoring the operation of water supply, verification of the safety of drinking water, investigation of disease outbreaks, validation process and preventive measures. Water quality testing tools need to be used for deciding safety of drinking water: at the source; within a piped distribution system; or at the end of consumer.

Drinking water quality monitoring and water quality surveillance are distinct yet, closely related activities. The drinking water quality will be monitored by the PHED/ RWS Department, i.e. supplier/ agency responsible/ mandate for water quality whereas the surveillance of water quality at grass roots will be responsibility of the GPs/ rural community.

Monitoring of water quality involves laboratory and field testing of water samples collected from water sources and FHTCs. Facility of laboratories for Water quality monitoring of rural areas already set up at State/ District/ Sub-division/ Block/ level will be used. Also, mobile water quality testing laboratories will be put into operation to the extent possible.

Every Gram Panchayat and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group, etc. is to identify and train five women in every village to undertake surveillance activities. Water quality surveillance is undertaken with the local community as per the specified timelines. The water quality surveillance activities include:

- i.) use of FTKs at GP level to know the extent of contamination and refer the positively tested samples to the nearby water quality testing laboratory for confirmation; and
- ii.) sanitary inspection: an investigative activity to identify and evaluate factors associated with drinking water that may pose a risk to health. The inspection takes care of prevention and detection of risks and help in taking timely remedial action before public health problems occur. Also, identification of the sources of outbreaks of water-borne disease get known timely and corrective action as may be required get taken promptly.

Note: A sanitary inspection is an on-site inspection of a water supply facility to identify actual and potential sources of microbiological contamination for evaluation of the physical structure and operation of the system and external environmental factors (such as toilet location). The information can be used for deciding appropriate remedial action to improve or protect the drinking water source and supply system. Sanitary inspections will be carried out for all new and existing sources of water from time to time. The results of the sanitary inspections and remedial actions that need to be taken to improve conditions will be discussed with the community. In JE-AES and Acute Diarrhoeal Diseases affected districts, it is advised to undertake sanitary inspection twice in a year.

The decline in water availability and its quality associated with rise in population growth, expansion of industrial and agricultural activities and climate change driven alterations to the hydrological cycle has become a global phenomenon. The monitoring and surveillance of water quality is now imperative.

It is important to note that, the community accords great priority for access to water, but water quality issues do not attract similar attention. This is because, at grassroots, water quality is usually ascertained only by color, odour and taste of the water. The presence of most of the chemical contaminants does not exhibit any change in terms of color, odour or taste in comparison with potable water and the communities continue to consume the quality-affected water in ignorance of potential threats of consuming such contaminated water. Some communities believe that boiling the water will secure it from harmful contaminants and continue to use quality-affected water for cooking purposes. Hence, there is a definite need to generate awareness and education on water quality and engage communities in water quality surveillance.

The activities for water quality monitoring and surveillance include:

- i.) awareness and education programmes on water quality in Schools, Anganwadi centres, Health centres, GPs/ PRIs, etc.;
- ii.) Awareness generation and capacity building of all stakeholders at all levels on various aspects of



- water quality, its importance, water borne diseases, health effects, safe handling, storage, etc.;
- iii.) engage communities in surveillance activities such as mandatory sanitary inspections;
 - iv.) enable communities to undertake presumptive testing of water quality using FTKs;
 - v.) share the results of water quality testing within community by way of SMS/ post cards to all the major stakeholders in community viz. Sarpanch, up-Sarpanch, GP members/ VWSC/ Paani samiti members, etc. The positive results will be uploaded on IMIS and alerts to be sent to officials wherever intervention from PHED/ RWS or Health Department is required, etc.;
 - vi.) Gram Panchayat and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group, etc. to identify, train and appoint 5 women from local community to conduct water quality tests using FTKs/ bacteriological vials and report the results;
 - vii.) strengthening of water quality testing laboratories by setting-up/ upgradation of State district/ sub-division/ block/ mobile laboratories and monitoring by undertaking laboratory assessment and improvement plans. The laboratory assessment will include HR available and their training need analysis, physical infrastructure (laboratory environment), equipments & instrumentation, annual maintenance contract mechanisms, number of samples being tested against the target and requirement. The improvement plans for each laboratory will mention the process to fill the identified gaps;
 - viii.) setting up a system to procure/ refill FTKs/ bacteriological vials and monitoring their utilization;
 - ix.) providing guidance and training to personnel at different managerial levels in water quality testing, monitoring, data interpretation and reporting;
 - x.) corrective actions by State PHED/ RWS Department in case of major water quality contamination, if required, alerting Health Department for mitigation and/ or corrective actions especially in Arsenic/ Fluoride, Uranium contaminants and bacteriological contaminations;
 - xi.) accreditation of drinking water quality testing laboratories as per IS/ISO/IEC:17025 at least for parameters of basic water quality importance and gradually upgrading to other parameters as per local conditions;
 - xii.) cross verification of water quality data and integration with other laboratories of State/ Central government agencies.
- PHED/ RWS Departments in the States/ UTs may refer to 'Uniform Drinking Water Quality Monitoring Protocol'. The Protocol is suggestive in nature and has advisory value for guiding and supporting the States/ UTs in water quality testing, monitoring and surveillance activities effectively. The protocol defines the water quality parameters needed to be tested in laboratories at different levels and for testing by using FTK at GP level. The salient features of the revised version of Protocol include; i.) institutional framework that can strengthen laboratories, ii.) roles and responsibilities of PHED/ RWS departments and laboratories, iii.) monitoring framework for quality, iv.) ranking of State and district laboratories, v.) pre-defined roster of sources and vi.) third party verification. Specific focus has been given to procurement processes especially using GeM portal, NABL accreditation, incorporating advanced instruments for improving standards of water testing and accountability.
- The States/ UTs are encouraged to explore Public-Private Partnership wherein the PHED/ RWS Department may collaborate with NABL/ ISO/ other suitably accredited private firms as Support Organization (SO) and utilize their strengths following all SoPs as per government procedure. Example: Hub and spoke model in healthcare sector, West Bengal PHED model in drinking water quality testing sector are valuable contributions. Additionally, Public-Public Partnership may also be explored wherein the PHED/ RWS Department will collaborate with the water quality testing laboratories of other similar State/ Central Government agencies. Further, States/ UTs may also designate any NABL/ ISO/ other suitably accredited Public or Private water quality testing laboratories/ firms on turnkey basis following all codal formalities prescribed in Government procedures. Example: Himachal Pradesh IPH Department Model.
- States/ UTs may also encourage & promote rural entrepreneurship and enterprises for water quality testing at local level. The local enterprises could be responsible for a cluster of villages, or block(s) and make water quality testing easy to access.

States/ UTs may explore possibility of engaging laboratories established in colleges/ universities/ polytechnic institutes for water quality testing on nominal payment basis agreed among DWSM and concerned institution.

Supply of prescribed quality of water is a crucial factor which decides functionality of HTC. For ensuring this, water quality testing laboratories established under erstwhile ARWSP, NRDWP and now JJM will also make provision for getting water samples collected by general public tested at a nominal rate that may be fixed by the Department. Wide publicity about this be given so that public gets to know about this initiative.

10.1 Frequency of testing

The broad guidelines for undertaking testing of sources/ samples at different level:-

- i.) **Sub-division/ block laboratory:** It is suggested that Sub-divisional/ block lab will test 100% water sources under its jurisdiction; once for chemical parameters and twice for bacteriological parameters (pre and post monsoon) in a year, covering all sources of a block at least for 13 basic water quality parameters²². The positively tested samples will be referred to the district laboratory immediately. The other parameters may be tested as per local contamination. In case, block level laboratories are not available, services of laboratories of nearby educational institutions or universities may be explored and availed.
- ii.) **District laboratory:** It is suggested that district lab will test 250 water sources/ samples per month (i.e. 3,000 in a year as per the target of roster available on Department/ National Mission IMIS) covering all sources randomly spread geographically including the positively tested samples referred by the sub-division/ block laboratory/ mobile laboratory on at least for 13 basic water quality parameters. The district lab will also refer the positively tested samples to the State laboratory immediately. The other parameters may be tested as per local contamination at district level.
- iii.) **State laboratory:** The State lab will test at least 5% of the total drinking water samples across all district level laboratories with random and uniform geographical spread including positively tested samples referred by district/ sub-division/ block/ mobile lab. If the number of districts in any

State/ UT is large (>50), then the testing of samples/ sources may be restricted to 3% for the State lab. Remaining 2% may be integrated with other regional/ district laboratories.

- iv.) **Testing of water quality using Field Test Kit (FTK)** at Gram Panchyat level: Gram Panchayat and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group, etc. will ensure to test 100% drinking water sources including private sources and sanitary inspection under its jurisdiction using FTK. The test results and sanitary inspection report will be submitted to the concerned PHED/ RWS Department.

10.2 Funding

- i.) Up to 2% of the allocation to States can be utilized for carrying out WQM&S activities;
- ii.) all the above activities shall have a funding pattern of 90:10 for NE and Himalayan States and 60:40 for remaining States. The fund sharing pattern for UTs shall be 100:0 between Centre and UT Administration in UTs without legislature and 90:10 for UTs with legislature;
- iii.) the fund may be utilized for activities like setting up of State level laboratory (building cost permitted only for State Level Laboratory), new district/ sub-divisional laboratories (building cost to be borne by the State Government, rental charges could be booked under this fund), laboratories under PPP mode, upgrading of existing water quality testing laboratories which *inter-alia* include procurement of equipments, instruments, chemicals/ reagents, glassware, consumables, hiring of outsourced human resources (regular staff to be paid salaries by the State Government/ UT Administration), hiring of vehicles for transportation of water samples collected from the field to the laboratory and expenses incurred for NABL accreditation process (consultant fee, audit cost, application fee and annual fee);
- iv.) these funds can also be used for procurement of FTKs, refills and bacterial detection kits;
- v.) salary of regular staff and any services, expenditure incurred in excess of the 2% allocation will be met from fund of the State Government. SWSM may also decide to pay honorarium to a dedicated person at GP level for ensuring water

²²The 13 basic water quality parameters are placed at Annex-XI



quality tests through FTKs/ bacteriological vials in prescribed time and submit data to higher authorities.

10.3 Water quality monitoring in quality - affected areas

There may be water sources where the concentration of chemical contaminants is found to be at border line, i.e a little lower than the permissible limit as prescribed in BIS:10500. To ensure that the water supply through FHTC is of prescribed quality, villages using such water sources necessitate periodic monitoring and may be enlisted as 'hot spots'. The list of such 'hot spots' is to be shared by PHED/ RWS Department with SWSM, DWSM and GP. PHED/ RWS Department is to undertake regular monitoring of water quality of such water sources and water quality surveillance will be done by GP and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group, etc. and local community. Corrective measures need to be taken wherever and whenever required.

Water quality data of water sources in 'hot spots' will specifically be monitored through JJM IMIS. Before selecting any such water source for piped water supply system, it will be discussed by Gram Panchayat and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group, etc. and approved through *Gram Sabha*, as mentioned in Chapter 6.

10.4 List of training and IEC activities

- i.) display of details of nearest water quality testing lab in prominent locations in villages/ blocks/ districts;
- ii.) water quality training of departmental stakeholders, Gram Panchayat and/ or its sub-committee, i.e. VWSC/ Paani Samiti/ User Group, etc., ISAs, PRIs, barefoot technicians, etc.;
- iii.) awareness generation on water quality issues, water-borne diseases and health impacts;
- iv.) water safety planning;
- v.) behavioral change communication on- 'strictly avoiding water from quality-affected source';
- vi.) inter-personal communication (door to door contact) on importance of good quality drinking water in nutrition;
- vii.) audio-visual publicity on ill effects of consuming contaminated water, importance of sanitary

inspection, process of getting private water quality sources tested, etc.;

- viii.) wall writings promoting tap water as- 'it is free from contamination' and;
- ix.) slogans, group meetings, street plays, PRA activities, exhibits, etc. on water quality.

10.5 Monitoring

Use of latest technology to capture water quality data automatically will enhance decision making and performance of water supply utilities. PHE will also employ water quality sensors and IoT based monitoring systems. The current process of monitoring through online portal and field visits by SWSM/ PHED/ RWS Department will be followed. The States/ UTs will hold regular review meetings to monitor the water quality status. The data will be made available on public domain.

The JJM IMIS portal will capture the following:

- i.) water quality monitoring through laboratory tests at all levels as per the frequency;
- ii.) water quality surveillance undertaken by community through FTKs in all villages as per the frequency of testing;
- iii.) progress of FHTCs provision in water quality-affected districts and JE-AES districts;
- iv.) separate reports will be generated to monitor villages affected with Arsenic, Fluoride and Iron. And, any other as may be decided by Department/ National Mission;
- v.) laboratory assessments and respective improvement plans;
- vi.) number of State/ District laboratories having NABL accreditation and No. of Block/ sub-divisional laboratories;
- vii.) lab ranking;
- viii.) use of FTKs/ biological vials by communities as per recommended number of tests;
- ix.) emerging cases of water quality issues.



 Government of Andhra Pradesh Rural Water Supply & Sanitation Department Rajamahendravaram DRINKING WATER QUALITY MONITORING & TESTING LABORATORY REPORT ON ANALYSIS OF HEAVY METALS IS:10500-2012 Permissible limits										
Name of the Heavy Metal										Arsenic as As
Requirement (Acceptable Limit)										0.01
Permissible Limit (in the absence of alternative source)										0.05
Units										mg./lit.
SL.NO.	Lab Ref no	Date of Collection	Date of Analysis	District Name	Mandal	G.P	Village/ Habitation	Location	Type of Source	Test Result
1	11025	06.02.2024	06.02.2024	Krishna (Machilipatanam tab)	Podana	Nadupuru	Nadupuru	Pws Head works	PWS	0.005
2	11026	06.02.2024	06.02.2024	Krishna	Podana	Nadupuru	Nadupuru	Head works	CPWS Nandrama	0.004
3	11027	06.02.2024	06.02.2024	Krishna	Podana	Nadupuru	Nadupuru	At fields	Open well	0.001
4	11028	06.02.2024	06.02.2024	Krishna	Podana	Nadupuru	Nadupuru	Road side	Open well	0.001

ANALYSED BY : (QUALITY ANALYST)

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State Level Water Testing Laboratory
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VIJAYAWADA

 Government of Andhra Pradesh Rural Water Supply & Sanitation Department Rajamahendravaram DRINKING WATER QUALITY MONITORING & TESTING LABORATORY REPORT ON ANALYSIS OF HEAVY METALS IS-18585-2012 Permissible limits										
Name of the Heavy Metal										Arsenic as As
Requirement (Acceptable Limit)										0.01
Permissible Limit (In the absence of alternative source)										0.05
Units										mg/Lt.
Sl.NO.	Lab Ref no.	Date of Collection	Date of Analysis	District Name	Mandal	G.P	Village/ Habitation	Location	Type of Source	Result
1	11297	25.1.2024	09.02.2024	GUNTUR , GUNTUR LAB	TADIKONDA,	TADIKONDA,	TADIKONDA	FRANCIS HOUSE (MD.PAU),	HP	0.002
2	11298	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	COMMUNITY HALL,	HP	0.000
3	11299	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	M.P.P.SCHOOL,	HP	0.001
4	11300	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	BARUVU (B.C.),	HP	0.001
5	11301	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	CHURCH,	HP	0.001
6	11302	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	NEAR HILL,	HP	0.005
7	11303	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	BC COLONY(NARASIMHASWAMY,	HP	0.001
8	11304	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	ST COLONY SCHOOL,	HP	0.003
9	11305	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	B.C.COLONY-1,	HP	0.004


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10	11306	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	B.C.COLONY-2,	HP	0.000
11	11307	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	PARANTHALLAMMA,	HP	0.001
12	11308	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	MASRO,	HP	0.004
13	11309	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	APPARAO HOUSE,	HP	0.005
14	11310	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	H.W.SCHOOL,	HP	0.000
15	11311	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	A.P.R.SCHOOL,	HP	0.004
16	11312	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	A.P.R.SCHOOL,	HP	0.001
17	11313	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	Y.MUTHAGAIH HOUSE,	HP	0.001
18	11314	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SALAIH HOUSE,	HP	0.000
19	11315	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	REDDYS STREET,	HP	0.003
20	11316	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	JAYASHARAT COLONY,	HP	0.001
21	11317	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	JAYASHARAT COLONY,	HP	0.000
22	11318	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SANKARA RAD HOUSE,	HP	0.001
23	11319	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	CHENCHU COLONY-1,	HP	0.001

24	11320	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	CHENCHU COLONY-2,	HP	0.000
25	11321	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	CHENCHU COLONY-3,	HP	0.006
26	11322	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	PRESIDENT HOUSE,	HP	0.005
27	11323	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	BUG MASJID,	HP	0.000
28	11324	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	URDU SCHOOL,	HP	0.003
29	11325	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	AMEEN HOUSE,	HP	0.000
30	11326	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	G.P.OFFICE,	HP	0.001
31	11327	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	G.P.OFFICE,	HP	0.003
32	11328	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SCOUTS,	HP	0.001
33	11329	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	BC COLONY,	HP	0.000
34	11330	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SK.JANI HOUSE,	HP	0.004
35	11331	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	A.I.SCHOOL,	HP	0.001
36	11332	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	NEAR SAIBABA TEMPLE,	HP	0.000
37	11333	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	ST LOCALITY NEAR HILL,	HP	0.000

38	11334	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	BAPTIST CHURCH,	HP	0.000
39	11335	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	MISSIONARY CHURCH,	HP	0.005
40	11336	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	T. SAMBIREDDY HOUSE,	HP	0.003
41	11337	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SHADI KHANA,	HP	0.004
42	11338	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SC COLONY 1ST WARD,	HP	0.002
43	11339	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	POLICE STATION,	HP	0.001
44	11340	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SC HOSTAL,	HP	0.004
45	11341	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	KANYAKA PARAMESWARI TEMPLE,	HP	0.003
46	11342	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	HINDU BURIAL GROUND,	HP	0.001
47	11343	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SK KHAMA VALLI,	HP	0.000
48	11344	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	MUSLIM BURIAL GROUND,	HP	0.001
49	11345	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	P. SAMBASIVARAO HOUSE,	HP	0.001
50	11346	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	HINDU BURIAL GROUND KANTH,	HP	0.000
51	11347	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	SC BURIAL GROUND,	HP	0.004

52	11348	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	POLEKAMMA TEMPLE,	HP	0.001
53	11349	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	JB COLONY MBHUSHANAM HOUSE,	HP	0.000
54	11350	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	G ESWARRAO HOUSE,	HP	0.001
55	11351	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	BHULAKSHMI H CHNCHUCOLONY,	HP	0.000
56	11352	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	MUSUM SHADIKHANA,	HP	0.001
57	11353	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	JB COLONY,	HP	0.001
58	11354	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	VETERINARY HOSPITAL,	HP	0.000
59	11355	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	Y SAMBAIAH HOUSE,	HP	0.002
60	11356	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	CHNCHUCOLONY MPES,	HP	0.001
61	11357	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	JB COLONY G VENKAIAH HOUSE,	HP	0.002
62	11358	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	JB COLONY P PRASAD HOUSE,	HP	0.000
63	11359	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	JB COLONY MPES,	HP	0.000
64	11360	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	KONDAVEETI VAGU,	PWS	0.005
65	11361	25.1.2024	09.02.2024	GUNTUR	TADIKONDA,	TADIKONDA,	TADIKONDA	KONDAVEETI,	PWS	0.005

66	11362	25.1.2024	09.02.2024	GUNTUR	TADIKONDA	TADIKONDA	TADIKONDA	TADIKONDA	CPWS	0.005
67	11363	25.1.2024	09.02.2024	GUNTUR	PEDANANDI PADU	VARAGANI	VARAGANI	NEAR A.B.PALEM VILLAGE	CPWS	0.003
68	11364	25.1.2024	09.02.2024	GUNTUR	PEDANANDI PADU	VARAGANI	VARAGANI	at DW Tank	PWS	0.003
69	11365	25.1.2024	09.02.2024	GUNTUR	PEDANANDI PADU	VARAGANI	VARAGANI	NEAR SS TANK	PWS	0.003
70	11366	25.1.2024	09.02.2024	GUNTUR	PEDANANDI PADU	VARAGANI	VARAGANI	NEAR GHSE	PWS	0.004
71	11367	25.1.2024	09.02.2024	GUNTUR	PEDANANDI PADU	VARAGANI	VARAGANI	BESIDES VILLAGE	PWS	0.004

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C. Sanyal

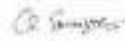
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Asst. Chemist
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 Government of Andhra Pradesh Rural Water Supply & Sanitation Department Rajamahendravaram DRINKING WATER QUALITY MONITORING & TESTING LABORATORY REPORT ON ANALYSIS OF HEAVY METALS IS:10506-2012 Permissible limits										
Name of the Heavy Metal										Arsenic as As
Requirement (Acceptable Limit)										0.03
Permissible Limit (in the absence of alternative source)										0.05
Units										mg./lit.
SL.NO.	Lab Ref no	Date of Collection	Date of Analysis	District Name	Mandal	G.P	Village/ Habitation	Location	Type of Source	Test Result
1	11029	06.02.2024	06.02.2024	Bapatla (Repalle lab)	NIZAMPATNAM	PALLAPATLA	CHINKAPALEM	CHINKAPALEM	PWS(Direct pumping)	0.007
2	11030	06.02.2024	06.02.2024	Bapatla	NIZAMPATNAM	PALLAPATLA	CHINKAPALEM	ZPHS SCHOOL	SHF	0.000
3	11031	06.02.2024	06.02.2024	Bapatla	NIZAMPATNAM	PALLAPATLA	KOPURUVARIPALEM	MASEED	SHF	0.001
4	11032	06.02.2024	06.02.2024	Bapatla	NIZAMPATNAM	PALLAPATLA	MUTIRALIPALEM	RAMALAYAM	SHF	0.002
5	11033	06.02.2024	06.02.2024	Bapatla	NIZAMPATNAM	PALLAPATLA	PALLAPATLA	PALLAPATLA	PWS(Direct pumping)	0.007
6	11034	06.02.2024	06.02.2024	Bapatla	NIZAMPATNAM	PALLAPATLA	PALLAPATLA	DORAGARI CANAL	OW	0.001
7	11035	06.02.2024	06.02.2024	Bapatla	NIZAMPATNAM	PALLAPATLA	PALLAPATLA	GOWDAPALEM	SHF	0.007
8	11036	06.02.2024	06.02.2024	Bapatla	NIZAMPATNAM	PALLAPATLA	PATTAVAPUVARIPALEM	AT GANGULA TEMPLE	SHF	0.008

9	11037	06.02.2024	06.02.2024	Bapatla	BHATTIPROLU	BHATTIPROLU	AODEPALLY	NEAR MRO OFFICE	SHF	0.002
10	11038	06.02.2024	06.02.2024	Bapatla	BHATTIPROLU	BHATTIPROLU	BHATTIPROLU	AT PWD CANAL	PWS	0.001
11	11039	06.02.2024	06.02.2024	Bapatla	BHATTIPROLU	BHATTIPROLU	BHATTIPROLU	AT ANIANEYASWAMY TEMPLE	PWS	0.002
12	11040	06.02.2024	06.02.2024	Bapatla	BHATTIPROLU	BHATTIPROLU	BHATTIPROLU	NEAR MRO OFFICE,	PWS	0.002
13	11041	06.02.2024	06.02.2024	Bapatla	BHATTIPROLU	BHATTIPROLU	BHATTIPROLU	AT CHSR	SHF	0.002
14	11042	06.02.2024	06.02.2024	Bapatla	BHATTIPROLU	BHATTIPROLU	BHATTIPROLU	RADHAM CENTER	SHF	0.003
15	11043	06.02.2024	06.02.2024	Bapatla	BHATTIPROLU	BHATTIPROLU	BHATTIPROLU	AT RAILWAY GATE	SHF	0.003
16	11044	06.02.2024	06.02.2024	Bapatla	BHATTIPROLU	BHATTIPROLU	BHATTIPROLU	AT BUS STAND	SHF	0.003
17	11045	06.02.2024	06.02.2024	Bapatla	CHERUKUPALLI	PONNAPALLI	PONNAPALLI	CHERUVU	PWS	0.002
18	11046	06.02.2024	06.02.2024	Bapatla	CHERUKUPALLI	PONNAPALLI	PONNAPALLI	BRAHMANGARI TEMPLE	SHF	0.001
19	11047	06.02.2024	06.02.2024	Bapatla	CHERUKUPALLI	PONNAPALLI	PONNAPALLI	MARKET YARD	SHF	0.002
20	11048	06.02.2024	06.02.2024	Bapatla	CHERUKUPALLI	PONNAPALLI	PONNAPALLI	GP OFFICE	SHF	0.002
21	11049	06.02.2024	06.02.2024	Bapatla	CHERUKUPALLI	PONNAPALLI	PONNAPALLI	MOSQUE	SHF	0.005
22	11050	06.02.2024	06.02.2024	Bapatla	CHERUKUPALLI	PONNAPALLI	PONNAPALLI	OIL TANK	SHF	0.006

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Name of the Heavy Metal										Arsenic as As
Requirement (Acceptable Limit)										0.01
Permissible Limit (in the absence of alternative source)										0.05
Units										mg./lit.
SL.NO.	Lab Ref no	Date of Collection	Date of Analysis	District Name	Mandal	G.P	Village/Habitation	Location	Type of Source	Result
1	11370	08.02.2024	09.02.2024	Bapatla	Bapatla Bapatla lab	JAMMULAPALEM	CHERUVU	ZPH SCHOOL	PWS	0.00679
2	11371	08.02.2024	09.02.2024	Bapatla	Bapatla	JAMMULAPALEM	CHERUVU	HEAD WORKS	PWS	0.00486
3	11372	08.02.2024	09.02.2024	Bapatla	Bapatla	JAMMULAPALEM	JAMMULAPALEM	Pondla canal	PWS	0.00422
4	11373	08.02.2024	09.02.2024	Bapatla	Bapatla	JAMMULAPALEM	JAMMULAPALEM	POLERAMMA TEMPLE	SHP	0.00900
5	11374	08.02.2024	09.02.2024	Bapatla	KARLAPALEM	YAZALI	DHAMANAVARIPALEM	Motupalem	SHP	0.00128
6	11375	08.02.2024	09.02.2024	Bapatla	KARLAPALEM	YAZALI	DHAMANAVARIPALEM	P SIVAREDDY	SHP	0.00240
7	11376	08.02.2024	09.02.2024	Bapatla	KARLAPALEM	YAZALI	DHAMANAVARIPALEM	P KOTAIH (H)	SHP	0.00000

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8	11377	08.02.2024	09.02.2024	Bapatla	KARLAPALEM	YAZALI	DHAMANAVARIPALEM	K SAMBAIAH	SHP	0.00540
9	11378	08.02.2024	09.02.2024	Bapatla	KARLAPALEM	YAZALI	DHAMANAVARIPALEM	Y SAMBAIAH (H)	SHP	0.00600
10	11379	08.02.2024	09.02.2024	Bapatla	KARLAPALEM	YAZALI	DHAMANAVARIPALEM	ELEMENTARY SCHOOL	SHP	0.00260
11	11380	08.02.2024	09.02.2024	Bapatla	KARLAPALEM	YAZALI	DHAMANAVARIPALEM	K NAGESWARA RAO	SHP	0.00660
12	11381	08.02.2024	09.02.2024	Bapatla	KARLAPALEM	YAZALI	DHAMANAVARIPALEM	M BUCHIAH (H)	SHP	0.00540

ANALYSED BY : (QUALITY ANALYST)

C. S. Sankar
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[Signature]
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Name of the Heavy Metal										Arsonic as As
Requirement (Acceptable Limit)										0.01
Permissible Limit (in the absence of alternative source)										0.05
Units										mg./lit.
SLNO.	Lab Ref no	Date of Collection	Date of Analysis	District Name	Mandal	G.P	Village/ Habitation	Location	Type of Source	Result
1	11382	08.02.2024	10.02.2024	Palnadu	Narasaraopet (Narasaraopet Ieb)	JONNALAGADDA	JONNALAGADDA	ERUKALAS	HP	0.00293
2	11383	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	H.W	HP	0.00121
3	11384	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	VILLAGE	HP	0.00124
4	11385	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	SCHOOL	HP	0.00055
5	11386	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	S.T.COLONY	HP	0.00089
6	11387	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	KRISHNARAD (H)	HP	0.00064
7	11388	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	KAMMAS STREET	HP	0.00256
8	11389	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	ROAD SIDE	HP	0.00306
9	11390	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	SYNDICATE NAGAR	HP	0.00097

10	11391	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	RICE MILL	HP	0.00077
11	11392	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	KAMMAS STREET	HP	0.00259
12	11393	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	REDDYS BAZAR	HP	0.00168
13	11394	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	RAJAKAS	HP	0.00167
14	11395	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	H.W.COLONY	HP	0.00043
15	11396	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	B.C.COLONY	HP	0.00081
16	11397	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	MPESCHOOL(A.A)	HP	0.00449
17	11398	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	MPESCHOOL(L.E)	HP	0.00106
18	11399	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	S.T.COLONY	HP	0.00296
19	11400	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	MAHIGARALI	HP	0.00174
20	11401	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	B.C.COLONY	HP	0.00232
21	11402	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	SYNDICATE NAGAR-2	HP	0.00231
22	11403	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	YADAVAS	HP	0.00095
23	11404	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	SC.COLONY	HP	0.00192
24	11405	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	SC.COLONY(CHURCH)	HP	0.00713
25	11406	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	SYNDICATE NAGAR-2(AMG)	HP	0.00206

26	11407	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	S.T. COLONY (AMG)	HP	0.00157
27	11408	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	MPES[LE]	DW	0.00296
28	11409	08.02.2024	10.02.2024	Palnadu	Narasaraopet	JONNALAGADDA	JONNALAGADDA	JONNALAGADDA	CPWS	0.00389
29	11410	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	COLONY SCHOOL BACK	HP	0.00121
30	11411	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	MAIN ROAD	HP	0.00730
31	11412	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	CHURCH	HP	0.00054
32	11413	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	PRESIDENT HOUSE	HP	0.00437
33	11414	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	RAJAKAS STREET	HP	0.00117
34	11415	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	NEW HOUSING COLONY	HP	0.00392
35	11416	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	NEW HOUSING COLONY	HP	0.00104
36	11417	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	MRO OFFICE	HP	0.00101
37	11418	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BUS STOP	HP	0.00169
38	11419	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	COLONY SCHOOL BACK	HP	0.00115
39	11420	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	DASULA BAZAR	HP	0.00068
40	11421	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	HIGH SCHOOL	HP	0.00062
41	11422	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	COLONY SCHOOL EAST	HP	0.00082

42	11423	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	COLONY SCHOOL WEST	HP	0.00134
43	11424	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	COLONY	HP	0.00287
44	11425	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	POLICE STATION	HP	0.00072
45	11426	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	NEAR MDO OFFICE	HP	0.00106
46	11427	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BODURAI	HP	0.00143
47	11428	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	NADISAPALLI	HP	0.00128
48	11429	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	NEAR BRIDGE	HP	0.00216
49	11430	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	COLONY BRIDGE LAST	HP	0.00096
50	11431	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	GP OFFICE	HP	0.00145
51	11432	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	TOOGATLA BAZAR	HP	0.00093
52	11433	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	VILLAGE	HP	0.00483
53	11434	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	VILLAGE	HP	0.00150
54	11435	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BARRIAL GROUND	HP	0.00294
55	11436	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	ILKOTIREDDY	HP	0.00144
56	11437	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	P.LINGAESWARARA D	HP	0.00135
57	11438	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	SKAMMED SAHER	HP	0.00097

58	11439	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	RAJULA HOUSES	HP	0.00084
59	11440	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	DASULA BAZAAR	HP	0.00085
60	11441	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BUS STOP	HP	0.00209
61	11442	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	MRO OFFICE	HP	0.00119
62	11443	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	MPES(ST)	HP	0.00061
63	11444	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	MPES(BC)	HP	0.00137
64	11445	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	VETERINARY HOSPITAL	HP	0.00170
65	11446	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	RICEMILL	HP	0.00087
66	11447	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	MPES	HP	0.00159
67	11448	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BC COLONY	HP	0.00195
68	11449	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	RAMIAH HOUSE	HP	0.00153


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69	11450	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	VETERINARY HOSPITAL	HP	0.00125
70	11451	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	POSTOFFICE	HP	0.00117
71	11452	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	SC COLONY	HP	0.00088
72	11453	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BC COLONY	HP	0.00283
73	11454	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	SC COLONY	HP	0.00088
74	11455	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	GOTTAM STREET	HP	0.00490
75	11456	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	SUBBA REDDY COLONY	HP	0.00138
76	11457	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	SUBBAREDDY COLONY SUBBAIA	HP	0.00059
77	11458	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BC COLONY VENKATESWARLU H	HP	0.00067
78	11459	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BODDURAI	HP	0.00874
79	11460	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BC COLONY RAMAKRISHNA HOU	HP	0.00408
80	11461	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	L.PITCHANAH(H)	OW	0.00176
81	11462	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	BODDURAI	OW	0.00145
82	11463	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	RAJULA BAZAR	OW	0.00732
83	11464	08.02.2024	10.02.2024	Palnadu	Rompicherla	ROMPICHERLA	ROMPICHERLA	LAPPANAH(H)	OW	0.00321

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Name of the Heavy Metal										Arsenic as As
Requirement (Acceptable Limit)										0.01
Permissible Limit (in the absence of alternative source)										0.05
Units										mg./lit.
SL.NO.	Lab Ref no	Date of Collection	Date of Analysis	District Name	Mandal	G.P	Village/Habitation	Location	Type of Source	Result
1	11465	10.02.2024	11.02.2024	Palnadu	MACHAVARAM (Piduguralla lab)	MORIAMPADU Piduguralla lab	MORIAMPADU	ST COLONY	MPWSS	0.0011
2	11466	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	ANKHAJU DODDI	DP	0.0005
3	11467	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	SC COLONY MACHARLA YESOBU	DP	0.0016
4	11468	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	CHANDALA YALAMANDA	DP	0.0046
5	11469	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	S JAGANADHAM	DP	0.0045
6	11470	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	THANDA MEGHAVATH SRINU NA	DP	0.0030
7	11471	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	BURRE MANNEIAH	DP	0.0044

8	11472	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	SC COLONY	DP	0.0037
9	11473	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	NALLAM NARASHIMA RAO	DP	0.0027
10	11474	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	KARANAM GAJI BAI	DP	0.0088
11	11475	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	MPP SCHOOL (MAIN)	DP	0.0012
12	11476	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	DEVADANAM HOUSE (SC)	DP	0.0008
13	11477	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	ILKOTESWARA RAO (H)	DP	0.0010
14	11478	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	SC COLONY PAREM RAJU	DP	0.0053
15	11479	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	THANDA MEGHAVATH SIVA NA	DP	0.0022
16	11480	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	ROKKAM RAJENDRA REDDY	DP	0.0064
17	11481	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	GOVINDAMMA TEMPLE	DP	0.0023
18	11482	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	SIVALAYAM TEMPLE	DP	0.0011
19	11483	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	G.KONDALI (H)	DP	0.0029
20	11484	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	YELAGALA YESAIAH	DP	0.0037

21	11485	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	ST COLONY TIRUPATHIMMA GUD	DP	0.0028
22	11486	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	NEAR MPELE SCHOMM R&B ROA	DP	0.0060
23	11487	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	PATTIPATATEMMMA TEMPLE	DP	0.0005
24	11488	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	G. ANANTARAMAII (H)	DP	0.0010
25	11489	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	KN RAO HOUSE AT YADAVA GA	DP	0.0004
26	11490	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	CHANDRA NAIK (ST)	DP	0.0011
27	11491	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	CHOWDAMMA TEMPLE	DP	0.0036
28	11492	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	GANGAMMA TEMPLE	DP	0.0005
29	11493	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	SC COLONY CHURCH BESIDE 5	DP	0.0036
30	11494	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	M. VENKESWARALLU (H)	DP	0.0033
31	11495	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	WEAVARS COLONY	DP	0.0035
32	11496	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	VENKATESWARASWAMI TEMPLE	DP	0.0033
33	11497	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	THALLURI VENKATESWARLU	DP	0.0009

34	11498	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	SIVARAMAIAH HOUSE	DP	0.0018
35	11499	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	NEAR RBK 1	DP	0.0046
36	11500	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	NEAR RBK 2	DP	0.0008
37	11501	10.02.2024	11.02.2024	Palnadu	MACHAVARAM	MORIAMPADU	MORIAMPADU	BESIDE MPPS MAIN	DP	0.0040
38	11502	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	MANDA RAMULU HOUSE H.W	HANDPUMP	0.0021
39	11503	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	THOTA DANAJAH HOUSE H.W	HANDPUMP	0.0002
40	11504	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	J.KOTAIAH HOUSE H.W	HANDPUMP	0.0025
41	11505	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	J.GOPAJAH HOUSE CHERCH.W	HANDPUMP	0.0029
42	11506	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BUS CENTRE	HANDPUMP	0.0001
43	11507	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	KUMBA AMARAJAH HOUSE (ST)	HANDPUMP	0.0018
44	11508	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BANDARU GANGULU HOUSE	HANDPUMP	0.0031
45	11509	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	V.BHAKSHALI HOUSE	HANDPUMP	0.0034
46	11510	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	V.VENKATESWARLU HOUSE	HANDPUMP	0.0023

47	11511	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	V. KOTI HOUSE	HANDPUMP	0.0052
48	11512	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	N. BRAHMAM HOUSE(SADA)	HANDPUMP	0.0029
49	11513	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	N. KRISHNA(H)	HANDPUMP	0.0077
50	11514	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	P. POTHU RAJU HOUSE(RAJAK)	HANDPUMP	0.0034
51	11515	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	KUMARIBAZAR MISAN RAMARAO	HANDPUMP	0.0054
52	11516	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	SK. MASTAN HOUSE(BUJI)	HANDPUMP	0.0045
53	11517	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	SK. HUSSIAN-3(R&S ROAD SID)	HANDPUMP	0.0038
54	11518	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	GALI SAHEB-3 RAMLAM GUDI	HANDPUMP	0.0036
55	11519	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	R. SAMBANAIK HOUSE&S ROAD	HANDPUMP	0.0032
56	11520	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	M. RAMAJAH HOUSE(PEDAVERAI)	HANDPUMP	0.0081
57	11521	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	M. HANUMANTARAO(H) CHENCU	HANDPUMP	0.0064
58	11522	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	E. RAMANAIAK (SEDI RAMAJAH)	HANDPUMP	0.0057
59	11523	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	M. RAJA RAO HOUSE MALAPALL	HANDPUMP	0.0048

60	11524	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	ROAD SIDE ANJENEYATEMPLE	HANDPUMP	0.0064
61	11525	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	S.LAXMAMMA (H)MALAPALLI	HANDPUMP	0.0012
62	11526	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	MP SCHOOL	HANDPUMP	0.0049
63	11527	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	YEDNAH HOUSE S ANNAMA S	HANDPUMP	0.0033
64	11528	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	DOSAPATINAGAIH HOUSE	HANDPUMP	0.0024
65	11529	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	SUGALI BURRIAL GROUND	HANDPUMP	0.0016
66	11530	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	CHALLA SRINIVAS RAO HOUSE	HANDPUMP	0.0025
67	11531	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BILAM ROAD 3/0 KMUNEMENI	HANDPUMP	0.0036
68	11532	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	M.P.ELEM.SCHOOL	HANDPUMP	0.0006
69	11533	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BILAM ROAD ANJAMA BAVI	HANDPUMP	0.0018
70	11534	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BILAM TEMPLE	HANDPUMP	0.0030
71	11535	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	GANJI SAIDULLI (H) IN DUDE	HANDPUMP	0.0017
72	11536	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BILAM	HANDPUMP	0.0005

73	11537	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BURIAL GROUND(BANDUPUNAI)	HANDPUMP	0.0048
74	11538	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BRAHANGARI TEMPLE	HANDPUMP	0.0007
75	11539	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	VEEMAGIRI(MPES)	HANDPUMP	0.0008
76	11540	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	N.SUBBAIAH(H) KUMAR SUBBA	HANDPUMP	0.0019
77	11541	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	TEMPLE BILAM (MOTOR)	HANDPUMP	0.0005
78	11542	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	VADDERA COLONY KAMESWARAO	HANDPUMP	0.0003
79	11543	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	POLERAMMA TEMPLE	HANDPUMP	0.0009
80	11544	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BARREL GROUND	HANDPUMP	0.0010
81	11545	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	HINDU BARREL GROUND	HANDPUMP	0.0004
82	11546	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	VADREBAZAR VENKATESWARAO	HANDPUMP	0.0002
83	11547	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BC NAGAI AH	HANDPUMP	0.0006
84	11548	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	J.CHINAGURAVAI AH	HANDPUMP	0.0011
85	11549	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	V.NARASIMHA	HANDPUMP	0.0008

86	11550	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	MADIGAPALLI BG	HANDPUMP	0.0020
87	11551	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	H.W SCHOOL(MADEGA)	HANDPUMP	0.0011
88	11552	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	ST COLONY M.NAGESWARAO	HANDPUMP	0.0013
89	11553	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	ST UVILUGADALA BAZAR	HANDPUMP	0.0002
90	11554	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	GOGULA ANJI	HANDPUMP	0.0004
91	11555	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	SC COLONY	MPWS	0.0044
92	11556	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	VELAGE	PWS	0.0011
93	11557	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	MADIGAPALLI	DP	0.0018
94	11558	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	VEMAGIRI NEAR TANK	DP	0.0002
95	11559	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	ST COLONY (TIRUPATAMMA TE	DP	0.0069
96	11560	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	RAMALAYAM STREET ST COLON	DP	0.0092
97	11561	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	NEAR TANK	DP	0.0021
98	11562	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	GOGULANJII	DP	0.0074

99	11563	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BILAM	DP	0.0045
100	11564	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BC.COLONY(B.VEERASWAMY)	DP	0.0014
101	11565	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	MUSLIM BAZAR (THIMMARAJU)	DP	0.0053
102	11566	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	VETERINARY HOSPITAL	DP	0.0027
103	11567	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	SIVALAYAM	DP	0.0033
104	11568	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	BILAM ROAD WELDING SHOP	DP	0.0041
105	11569	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	DUDEKULA COLONY VEMAGIRI	DP	0.0089
106	11570	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	K DEVAM HOUSE	DP	0.0023
107	11571	10.02.2024	11.02.2024	Palnadu	PIDUGURALLA	GUTHIKONDA	GUTHIKONDA	SACHIVALAYAM	DP	0.0016

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Government of Andhra Pradesh Rural Water Supply & Sanitation Department palacole DRINKING WATER QUALITY MONITORING & TESTING LABORATORY REPORT ON ANALYSIS OF HEAVY METALS IS-10500:2012 Permissible limits																								
Name of the Heavy Metal										Maximum allowable limit	Chromium as Cr	Manganese as Mn	Nickel as Ni	Copper as Cu	Arsenic as As	Selenium as Se	Molybdenum as Mo	Silver as Ag	Cadmium as Cd	Barium as Ba	Mercury as Hg	Lead as Pb	Uranium as U	
Requirement (Acceptable Limit)										0.02	0.05	0.1	0.02	0.05	0.01	0.01	0.07	0.1	0.03	0.1	0.001	0.01	0.03	
Permissible limit (in the absence of alternative source)										No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation	No relaxation
Units										mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	
SLNO.	Lab Ref no	Name of the	Date of Analysis	District Name	Mandal	G.P.	Village/ habitation	Location	Type of Source	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	11020	Pachur	09-02-2024	Prakasam	Pachur	Chirala	Vodarevu	hand pump	in village	0.171	0.001	0.226	0.001	0.008	0.003	0.001	0.004	0.000	0.006	0.010	0.000	0.001	0.000	
2	11023	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.176	0.001	0.168	0.001	0.008	0.003	0.002	0.009	0.015	0.008	0.024	0.000	0.003	0.003	
3	11027	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.091	0.001	0.021	0.001	0.004	0.004	0.002	0.011	0.010	0.006	0.023	0.000	0.000	0.004	
4	11028	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.194	0.001	0.228	0.001	0.001	0.002	0.001	0.017	0.000	0.004	0.015	0.000	0.004	0.000	
5	11024	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.041	0.001	0.241	0.001	0.001	0.004	0.002	0.012	0.001	0.000	0.021	0.000	0.000	0.000	
6	11025	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.041	0.000	0.201	0.000	0.001	0.003	0.002	0.010	0.001	0.000	0.021	0.000	0.000	0.000	
7	11026	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.041	0.000	0.161	0.000	0.001	0.003	0.002	0.010	0.001	0.000	0.021	0.000	0.000	0.000	
8	11027	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.041	0.000	0.161	0.000	0.001	0.003	0.002	0.010	0.001	0.000	0.021	0.000	0.000	0.000	
9	11028	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.041	0.000	0.161	0.000	0.001	0.003	0.002	0.010	0.001	0.000	0.021	0.000	0.000	0.000	
10	11029	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.148	0.001	0.122	0.004	0.001	0.008	0.002	0.014	0.001	0.000	0.042	0.000	0.000	0.000	
11	11030	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.015	0.000	0.186	0.000	0.001	0.003	0.002	0.009	0.001	0.000	0.017	0.000	0.000	0.000	
12	11031	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.028	0.000	0.282	0.000	0.001	0.004	0.001	0.004	0.001	0.000	0.064	0.000	0.000	0.000	
13	11032	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.091	0.001	0.178	0.002	0.006	0.004	0.001	0.004	0.001	0.000	0.064	0.000	0.000	0.000	
14	11033	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.042	0.000	0.295	0.000	0.001	0.004	0.001	0.005	0.000	0.000	0.015	0.000	0.000	0.000	
15	11034	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.073	0.000	0.281	0.000	0.001	0.004	0.001	0.004	0.000	0.000	0.015	0.000	0.000	0.000	
16	11405	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.059	0.000	0.154	0.000	0.004	0.006	0.001	0.001	0.000	0.000	0.000	0.000	0.000	0.000	
17	11406	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.050	0.000	0.081	0.000	0.005	0.004	0.001	0.005	0.001	0.000	0.006	0.001	0.001	0.001	
18	11407	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.128	0.000	0.494	0.000	0.001	0.006	0.002	0.003	0.000	0.000	0.006	0.000	0.000	0.000	
19	11408	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.128	0.001	0.228	0.000	0.008	0.001	0.002	0.008	0.000	0.000	0.012	0.000	0.001	0.001	
20	11409	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.034	0.000	0.121	0.000	0.000	0.006	0.001	0.004	0.000	0.000	0.012	0.000	0.001	0.001	
21	11410	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.062	0.000	0.103	0.000	0.001	0.007	0.001	0.004	0.000	0.000	0.013	0.000	0.000	0.000	
22	11411	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.091	0.000	0.039	0.000	0.005	0.005	0.001	0.003	0.000	0.000	0.013	0.000	0.000	0.000	
23	11412	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.103	0.001	0.253	0.000	0.009	0.001	0.002	0.008	0.000	0.000	0.015	0.000	0.000	0.000	
24	11413	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.015	0.000	0.244	0.000	0.001	0.005	0.001	0.006	0.000	0.006	0.005	0.000	0.000	0.000	
25	11414	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.081	0.001	0.293	0.001	0.004	0.005	0.002	0.014	0.001	0.000	0.007	0.000	0.000	0.000	
26	11415	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.194	0.000	0.244	0.002	0.005	0.006	0.002	0.016	0.004	0.000	0.011	0.000	0.000	0.000	
27	11416	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.105	0.000	0.202	0.002	0.114	0.006	0.001	0.016	0.044	0.000	0.011	0.000	0.000	0.000	
28	11417	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.114	0.000	0.241	0.002	0.132	0.006	0.001	0.001	0.041	0.000	0.012	0.000	0.000	0.000	
29	11418	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.195	0.001	0.188	0.002	0.001	0.004	0.003	0.010	0.012	0.000	0.025	0.000	0.000	0.000	
30	11419	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.125	0.001	0.245	0.000	0.011	0.001	0.001	0.008	0.002	0.000	0.013	0.000	0.001	0.001	
31	11420	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.077	0.000	0.246	0.001	0.002	0.005	0.004	0.017	0.000	0.000	0.009	0.000	0.000	0.000	
32	11421	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.132	0.001	0.109	0.000	0.001	0.002	0.002	0.006	0.000	0.000	0.003	0.000	0.000	0.000	
33	11422	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.151	0.001	0.025	0.002	0.154	0.008	0.001	0.000	0.006	0.000	0.004	0.000	0.000	0.000	
34	11423	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.171	0.002	0.147	0.002	0.007	0.002	0.001	0.006	0.000	0.000	0.000	0.000	0.000	0.000	
35	11424	Pachur	09-02-2024	Prakasam	Chirala	Vodarevu	Vodarevu	hand pump	in village	0.043	0.002	0.103	0.003	0.013	0.002	0.002	0.009	0.000	0.000	0.005	0.000	0.000	0.000	
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Remarks: The above water samples are PASSED as per Requirements

Analysed by
P. S. Balu - *Analysed*
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.



Government of Andhra Pradesh
Rural Water Supply and Sanitation department.
Palakollu

DRINKING WATER QUALITY
ANALYSIS OF TOXIC HEAVY METALS

Name of the Mandal	KURICHEDU, PRAKASAM						
Name Of the Village	WEST VEERAYAPALEM						
Description of the test	14 TRACE ELEMENTS						
Date of Analysis :	05.03.2024						
Date of Report	05.03.2024						
Metal	H/O vangayapalem deep bore well paleramma temple 12100	H/O vangayapalem public tap cpws 12101	H/O vangayapalem Brahamangari temple opp 12102	H/O vangayapalem b/w 003 mpp school 12103	H/O vangayapalem b/w 004 danaiah house 12104	Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternative source)
Aluminium as Al	0.0000	0.0002	0.0000	0.0000	0.0002	0.03	0.2
Chromium as Cr	0.0000	0.0002	0.0000	0.0000	0.0011	0.05	0.05
Manganese as Mn	0.0000	0.0057	0.0027	0.0016	0.0233	0.1	0.3
Nickel as Ni	0.0000	0.0000	0.0000	0.0000	0.0000	0.02	0.02
Copper as Cu	0.0042	0.0020	0.0038	0.0019	0.0072	0.05	1.5
Arsenic as As	0.0048	0.0056	0.0030	0.0040	0.0050	0.01	No relaxation
Selenium as Se	0.0000	0.0002	0.0001	0.0013	0.0008	0.01	0.01
Molybdenum as Mo	0.0039	0.0025	0.0162	0.0147	0.0108	0.07	No relaxation
Silver as Ag	0.0013	0.0003	0.0000	0.0000	0.0000	0.1	No relaxation
Cadmium as Cd	0.0000	0.0001	0.0000	0.0000	0.0000	0.003	No relaxation
Barium as Ba	0.1382	0.1018	0.1278	0.2082	0.2521	0.7	No relaxation
Mercury as Hg	0.0008	0.0007	0.0007	0.0007	0.0006	0.001	No relaxation
Lead as Pb	0.0005	0.0001	0.0016	0.0000	0.0028	0.01	No relaxation
Uranium as U	0.0057	0.0025	0.0074	0.0066	0.0066	0.03	0.03

Remarks : The above Water samples are PASSED as per requirements.

Analysed by

P. Satish Babu

5/03/2024

P. Satish Babu

Quality Analyst

Asst. Chemist

State Level Water Testing Laboratory

Rural Water Supply & Sanitation Dept. A.P.

 Government of Andhra Pradesh Rural Water Supply & Sanitation Department Rajamahendravaram DRINKING WATER QUALITY MONITORING & TESTING LABORATORY REPORT ON ANALYSIS OF HEAVY METALS										
IS:10500-2012 Permissible Limits										
Name of the Heavy Metal										Arsenic as As
Requirement (Acceptable Limit)										0.01
Permissible Limit (in the absence of alternative source)										0.05
Units										mg./lit.
SL.NO.	Lab Ref no	Date of Collection	Date of Analysis	District Name	Mandal	G.P	Village/ Habitation	Location	Type of Source	Test Result
1	11019	06.02.2024	06.02.2024	SPSR Nellore	ATMAKUR (Atmakur lab)	KARATAMPADU	KARATAMPADU	BOGGERU	PWS	0.000
2	11020	06.02.2024	06.02.2024	SPSR Nellore	ATMAKUR	KARATAMPADU	KARATAMPADU	BOGGERU	DP	0.000
3	11021	06.02.2024	06.02.2024	SPSR Nellore	ATMAKUR	KARATAMPADU	Karatampadu ST Colony	KARATAMPADU BUS STOP	MPWS	0.001
4	11022	06.02.2024	06.02.2024	SPSR Nellore	ATMAKUR	KARATAMPADU	Ramapuram SC Colony	NEAR BUS STOP	DP	0.001
5	11023	06.02.2024	06.02.2024	SPSR Nellore	ATMAKUR	KARATAMPADU	Srinivasapuram SC Colony	NEAR S CANAL	DP	0.000
6	11024	06.02.2024	06.02.2024	SPSR Nellore	ATMAKUR	KARATAMPADU	SATHANURALLI	NEAR BOGGERU	DP	0.001

ANALYSED BY : (QUALITY ANALYST)

[Signature]
18/02/24

[Signature]
Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
VIJAYAWADA



GOVERNMENT OF ANDHRA PRADESH
RURAL WATER SUPPLY AND SANITATION DEPARTMENT
ICPMS & GCMS WATER QUALITY TESTING LABORATORY, ELURU
WATER ANALYSIS REPORT (HEAVY METALS)
DISTRICT: ELURU

Name Of the Mandal : MUDINEPALLE District : ELURU
 Name Of the Grama Panchayat : UPPARIGUDEM Type of source : DW
 Location :
 Date of collection : 3-2-2024 Date of Analysis : 05-02-2024

As per IS (10500-2012)

ANALYSIS OF TOXIC HEAVY METALS

S.no	Parameters	units	Acceptable limits	permissible limits	Results (in ppb)	Remarks (pass/fail)
1	Boron as B	mg/L	0.5	1.00	0.8451	PASS
2	Aluminium as Al	mg/L	0.030	0.20	0.0015	PASS
3	Chromium as Cr	mg/L	0.05	No relaxation	0.0101	PASS
4	Mangaese as Mn	mg/L	0.1	0.30	0.2005	PASS
5	Nickel as Ni	mg/L	0.02	No relaxation	0.0154	PASS
6	Copper as CU	mg/L	0.05	1.50	0.4083	PASS
7	Arsenic As	mg/L	0.01	0.05	0.004	PASS
8	Seleniun as Se	mg/L	0.01	No relaxation	0.0008	PASS
9	Molybdenum as Mo	mg/L	0.07	No relaxation	0.0157	PASS
10	Silver as Ag	mg/L	0.1	No relaxation	0.0487	PASS
11	Cadmium as Cd	mg/L	0.003	No relaxation	0	PASS
12	Mercury as Hg	mg/L	0.001	No relaxation	0	PASS
13	Lead as Pb	mg/L	0.01	No relaxation	0.0005	PASS
14	uranium as U	mg/L	0.03	No relaxation	0.0211	PASS

Note : Where as ND=Not Detected

Analysed by

K Suresh

Quality Analyst

Asst. Chemist

State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P
 VIJAYAWADA

Government of Andhra Pradesh
Rural Water Supply & Sanitation Department
Kakinada

DRINKING WATER QUALITY MONITORING & TESTING LABORATORY
ANALYSIS OF TOXIC HEAVY METALS

Report on Chemical Analysis of Water (Drinking)

General (chemical Parameters)

Received from : RAMPACHODAVARAM LAB

Date of Collection : 02/02/2024 Date of Receipt : 05/02/2024 Date of Analysis : 05/02/2024 Date of issue : 06/02/2024

S.NO.	District Name	Mandal	G.P	Village/ Habitation	Location	Type of Source	Arsenic as As
IS:10600-2012 Permissible limits							0.01
Units							No Relaxation
							mg./lit.
1	ASR	RAMPACHODAVARAM	VEMULKONDA	CHELAKAVEEDHI	SOLAR TANK	PWS	0.008
2	ASR	RAMPACHODAVARAM	VEMULKONDA	CHELAKAVEEDHI	AT K.SATYAVATHI H.	DP	0.003
3	ASR	RAMPACHODAVARAM	VEMULKONDA	CHELAKAVEEDHI	IN VILLAGE	PWS	0.009
4	ASR	RAMPACHODAVARAM	VEMULKONDA	CHELAKAVEEDHI	AWC	DP	0.002
5	ASR	RAMPACHODAVARAM	VEMULKONDA	CHELAKAVEEDHI	AT SCHOOL	DP	0.001
6	ASR	RAMPACHODAVARAM	VEMULKONDA	CHELAKAVEEDHI	PEDDA VEEDHI	HP	0.000
7	ASR	RAMPACHODAVARAM	VEMULKONDA	CHELAKAVEEDHI	PEDDA VEEDHI	DP	0.001

QUALITY ANALYST 1) 06/02/24

2) 06/02/24

Jr. Water Analyst
IWQM Laboratory
O/o RWS & S Sub Division
KAKINADA

Asst. Chemist

State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.



Government of Andhra Pradesh
Rural Water Supply & Sanitation Department
Kakinada

DRINKING WATER QUALITY MONITORING & TESTING LABORATORY
ANALYSIS OF TOXIC HEAVY METALS

Report on Chemical Analysis of Water (Drinking)

General (chemical Parameters)

Received from : KOTHAPETA LAB

Date of Collection : 02/02/2024 Date of Receipt : 06/02/2024 Date of Analysis : 06/02/2024 Date of issue : 06/02/2024

S.NO.	District Name	Mandal	G.P	Village/ Habitation	Location	Type of Source	Arsenic as As
IS:10500-2012 Permissible limits							0.01
Units							No relaxation mg./lit.
1	Dr.B.R.Ambedkar Konaseema	P.Gannavaram	Munganda	Sarellavari Peta	Ambedkar Colony 40KL OHSR	PWS	0.004
2	Dr.B.R.Ambedkar Konaseema	P.Gannavaram	Munganda	Mathavaripeta	Near Ramalayam 90KL OHSR	CPWS	0.003
3	Dr.B.R.Ambedkar Konaseema	P.Gannavaram	Munganda	Pechettivari Palem	Ambedkar Colony 40KL OHSR	CPWS	0.001
4	Dr.B.R.Ambedkar Konaseema	P.Gannavaram	Munganda	Munganda	At CPWS Scheme	CPWS	0.001
5	Dr.B.R.Ambedkar Konaseema	P.Gannavaram	Munganda	Mathavaripeta	Mathavaripeta Main 90KL OHSR	PWS	0.001
6	Dr.B.R.Ambedkar Konaseema	P.Gannavaram	Munganda	Mattaparthi Vari Palem	90KL OHSR	CPWS	0.000
7	Dr.B.R.Ambedkar Konaseema	P.Gannavaram	Munganda	Ambedkar Colony	Bavana vari veechi 40KL CPWS	Tap	0.000

QUALITY ANALYST: 1) *[Signature]* 06/02/2024

2) *[Signature]* 06/02/2024

[Signature]
Consultant 6/2/2024

Jr. Water Analyst
IWQM Laboratory
Jr. RWS & S San Division
KAKINADA

[Signature]
Asst. Chemist

State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

Government of Andhra Pradesh
Rural Water Supply & Sanitation Department
Kakinada
DRINKING WATER QUALITY MONITORING & TESTING LABORATORY
ANALYSIS OF TOXIC HEAVY METALS
Report on Chemical Analysis of Water (Drinking)
General (chemical Parameters)

Received from : AMALAPURAM LAB

Date of Collection : 02/02/2024 Date of Receipt : 06/02/2024 Date of Analysis : 06/02/2024 Date of Issue : 06/02/2024

S.No.	District Name	Mandal	G.P.	Village/Habitation	Location	Type of Source	Arsenic as As
IS:10500-2012 Permissible limits							0.01
Units							No relaxation mg./lit.
1	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Appanapalli	Addagalla Nagamani	CPWS	0.007
2	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Appanapalli	Addagalla Nagamani	Hand Pump	0.002
3	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Uchilivaripeta	Paripalla Praveenraju	CPWS	0.001
4	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Sakavaripeta	Vadde Durga	CPWS	0.001
5	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Sakavaripeta	Vadde Durga	Open Well	0.006
6	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Pativari Group	Bokka Peddiraju	CPWS	0.001
7	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Pativari Group	Bokka Peddiraju	Open Well	0.000
8	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Pativari Group	Bokka Satyanarayana	CPWS	0.000
9	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Pativari Group	Bokka Satyanarayana	Hand Pump	0.000
10	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Bonthuvaripeta	Bonthu Bhaskararao	CPWS	0.001
11	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Bonthuvaripeta	Bonthu Bhaskararao	Open Well	0.000
12	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Rajakapeta	Pasupuleti Eswararao	CPWS	0.000
13	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Rajakapeta	Pasupuleti Eswararao	Bore Water	0.000
14	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Molletiwaripalem	Molleti Srinivasarao	CPWS	0.000
15	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Molletiwaripalem	Molleti Srinivasarao	Open Well	0.000
16	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Geddavaripeta	Iniseti Padma	Hand Pump	0.000
17	Dr. B.R. Ambedkar Konaseema	Mamidikuduru	Appanapalli	Appanapalli	Near G.P. Office	Bore Water	0.000
18	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Ramarappeta	G. Arjunarao	PWS	0.001
19	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Ramarappeta	G. Arjunarao	Open Well	0.001
20	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Ramarappeta	V. Suryanarayana	PWS	0.001
21	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Kummaraveedhi	Rayapudi Srinu	PWS	0.005
22	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Yanamadhala Veedhi	NEAR Vijayaganapathi Temple	Open Well	0.002
23	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Komaragiri	N. Satyanarayana	PWS	0.001
24	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Panchayathi Veedhi	Vakapalli Swami	Hand Pump	0.001
25	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Panchayathi Veedhi	K. Gangarajnam	Hand Pump	0.002
26	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Panchayathi Veedhi	Near G.P. Office	PWS	0.001
27	Dr. B.R. Ambedkar Konaseema	I. Polavaram	Komaragiri	Agraharam	NEAR Surahmanyaswami Temple	Bore Water	0.001

QUALITY ANALYST JJ

06/02/2024 21/06/2024

- v. Anura B. Manoj
Sr. Water Analyst
IWQM Laboratory
O/S RWS & S Sub Division
KAKINADA
06/02/2024

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA



Government of Andhra Pradesh
IWQM Water Testing Laboratory
O/o The Dy.Executive Engineer
Rural Water Supply & Sanitation Department

NARASAPURAM SUB-DIVISION, PALAKOLE,

Land mark: Lankalakoderu (C.P.W.Scheme) Near Z.p.high school palakole Bhimavaram Road
DRINKING WATER QUALITY MONITORING & TESTING LABORATORY

Name Of the Mandal : Atmakur, Ananthapur District

Name Of the Grama Panchayat: waddipalli Type of source : PWS

Location : Near Ramalyam Temple

Date of Analysis : 08.02.2024

As per IS (10500-2012)

ANALYSIS OF TOXIC HEAVY METALS

S.no	Parameters	units	Acceptable limits	permissible limits	Near ramalyam temple	Remarks (pass/fail)
1	Aluminium as Al	mg/L	0.001	0.20	0.080	pass
2	Chromium as Cr	mg/L	0	0.05	0.001	pass
3	Manganese as Mn	mg/L	0.1	0.30	0.012	pass
4	Nickel as Ni	mg/L	0.02	0.02	0.001	pass
5	Copper as CU	mg/L	0.05	1.50	0.004	pass
6	Arsenic As	mg/L	0.01	0.05	0.005	pass
7	Selenium as Se	mg/L	0.01	0.01	0.003	pass
8	Molybdenum as Mo	mg/L	0.07	No relaxation	0.002	pass
9	Silver as Ag	mg/L	0.1	No relaxation	0.000	pass
10	Cadmium as Cd	mg/L	0.003	No relaxation	0.000	pass
11	Barium as Ba	mg/L	0.7	No relaxation	0.120	pass
12	Mercury as Hg	mg/L	0.001	No relaxation	0.000	pass
13	Lead as Pb	mg/L	0.01	No relaxation	0.002	pass
14	uranium as U	mg/L	0.03	No relaxation	0.000	pass

Analyzed By

P. Satish Babu

P.Satish Babu
Quality Analyst

07/02/2024

Asst. Chemist

State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
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Government of Andhra Pradesh
Rural Water Supply & Sanitation Department
Palakollu

**DRINKING WATER QUALITY MONITORING &
 ANALYSIS OF TOXIC HEAVY METALS**

Name of the Mandal	KURNOOL, HALAHANVI							
Name Of the Village	GULYAM							
Description of the test	14 TRACE ELEMENTS							
Date of Analysis :	08.02.2024							
Date of Report	08.02.2024							
Metal	HALAHANVI-GULYAM- GADILINGESWARA TEMPLE MPWS 11399	HALAHANVI- GULYAM-MPP SCHOOL(KANNADA HP 11400	HALAHANVI-GULYAM- ZPH SCHOOL HP 11401	HALAHANVI-GULYAM- ZPH SCHOOL RD PLANT HP 11402	HALAHANVI- GULYAM-ZPH SCHOOL CPWS 11403	HALAHANVI-GULYAM-MPP SCHOOL CPWS 11404	Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternative source)
Aluminium as Al	0.080	0.050	0.111	0.090	0.056	0.030	0.03	0.2
Chromium as Cr	0.001	0.000	0.006	0.001	0.000	0.000	0.05	0.05
Manganese as Mn	0.017	0.015	0.004	0.014	0.045	0.015	0.1	0.3
Nickel as Ni	0.001	0.006	0.002	0.004	0.002	0.000	0.02	0.02
Copper as Cu	0.004	0.001	0.038	0.025	0.004	0.001	0.05	1.5
Arsenic as As	0.009	0.005	0.003	0.001	0.007	0.003	0.01	No relaxation
Selenium as Se	0.003	0.004	0.004	0.000	0.000	0.000	0.01	0.01
Molybdenum as Mo	0.002	0.014	0.018	0.002	0.002	0.001	0.07	No relaxation
Silver as Ag	0.000	0.002	0.049	0.001	0.000	0.000	0.1	No relaxation
Cadmium as Cd	0.000	0.000	0.000	0.000	0.000	0.000	0.003	No relaxation
Barium as Ba	0.120	0.097	0.134	0.071	0.165	0.102	0.7	No relaxation
Mercury as Hg	0.000	0.000	0.001	0.000	0.000	0.000	0.001	No relaxation
Lead as Pb	0.002	0.000	0.000	0.003	0.001	0.000	0.01	No relaxation
Uranium as U	0.003	0.004	0.003	0.003	0.003	0.002	0.03	0.03

Remarks : The above Water samples are PASSED as per requirements.

Analyzed By

P. Satish Babu

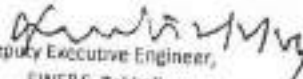
Asst. Chemist

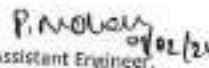
Quality Analyst

State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P.

Annexure-X

REPORT ON LATCHANNAPETA VILLAGE WATER QUALITY CHEMICAL ANALYSIS RESULT										
S.No	Date of Collection	Date of Testing	Name of the Mandal	Name of the Grampanchayat	Name of the Habitation	Name of Location	Latitude	Longitude	Type of Source	Fluoride (1.0 - 1.5) Mg/lit
1	01.02.2024	01.02.2024	Jalumuru	Akkurada	Latchannapeta	Village Centre	18.522	83.986	B.W	0.78
2	01.02.2024	01.02.2024	Jalumuru	Akkurada	Latchannapeta	In Temple	18.526	83.981	B.W	0.54
3	01.02.2024	01.02.2024	Jalumuru	Akkurada	Latchannapeta	Colony Entrance	18.524	83.980	B.W	0.87


Deputy Executive Engineer,
RWS&S, Tekkali.


Assistant Engineer,
RWS&S, Tekkali.


Lab. Chemist
WQM Lab, Tekkali.


Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

Fluoride Test Report in Kottavalasa village (Kottavalasa mandal) Vizianagaram District

IS-10500-2012 Permissible limits

Requirement (Acceptable limits)

Permissible limits in the absence of alternate source

1

1.5

mg/lit.

S.N O	Lab no	Date of Collection	Date of Report	Mandal	Panchayat	Village	Habitation	Location	source code	Type of Source	Fluoride as F ⁻
1	2	3	4	5	6	7	8	9	10	11	23
1	2182 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	702 COLONY	702 COLONY	0202734027011501400	MPWS	0.23
2	2186 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Kumman areedhi	0202734027011500451	DP	0.84
3	2181 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	S.C.Colony (old Village)	02027340270115000600	PWS	0.58
4	2192 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Village (Anganwadi center)	02027340270115000468	Hand Pump	0.03
5	2190 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Elo School	0202734027011500451	DP	0.19
6	2198 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Deeoffice	0202734027011500003	HANDPUMP	0.88
7	2195 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Old Butand	0202734027011500005	HANDPUMP	1.32
8	2200 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Zph	0202734027011500006	HANDPUMP	0.87
9	2201 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	S.C.Hostel	0202734027011500008	HANDPUMP	0.09
10	2202 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Nookalasa Temple	0202734027011500009	HANDPUMP	0.84
11	2203 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Barid Ground	0202734027011500010	HANDPUMP	0.47
12	2204 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Ngo Colony	0202734027011500011	HANDPUMP	0.2
13	2205 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Old Chool	0202734027011500012	HANDPUMP	0.61
14	2206 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Old colony	0202734027011500013	HANDPUMP	0.5
15	2207 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	MRO QUARTERS	0202734027011500015	HANDPUMP	0.49
16	2208 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	RCGIRL HOSTAL	0202734027011500019	HANDPUMP	1.4
17	2209 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SABAVARAM ROAD END	0202734027011500020	HANDPUMP	0.76
18	2210 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SABAVARAM ROAD END	0202734027011500021	HANDPUMP	0.34
19	2211 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SABAVARAM ROAD SAIDE	0202734027011500022	HANDPUMP	1.14
20	2212 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SABAVARAM ROAD SIDE	0202734027011500023	HANDPUMP	0.76
21	2213 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	DPEP school	0202734027011500025	HANDPUMP	0.51
22	2214 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	petrol bunk	0202734027011500027	HANDPUMP	0.9
23	2215 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	NEAR OLD PETROL BUNK	0202734027011500028	HANDPUMP	0.69
24	2216 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SC BOYS HOSTEL	0202734027011500029	HANDPUMP	1.19
25	2217 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Y.PERAYYA HOUSE OLD VILG	0202734027011500030	HANDPUMP	0.4
26	2218 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SW BOYS HOSTEL	0202734027011500032	HANDPUMP	1.13
27	2219 C/24	31.01.2024	31.01.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	KOTNI VEEDHI	0202734027011500033	HANDPUMP	1.37
28	2220 C/24	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Z.P Market	0202734027011500034	HANDPUMP	0.93
29	2221 C/24	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	yethapeta	0202734027011500035	HANDPUMP	1.24
30	2222 C/24	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	ramanangiram	0202734027011500036	HANDPUMP	0.41
31	2223 C/24	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	sc colony	0202734027011500040	HANDPUMP	0.78
32	2224 C/24	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	rajnagar colony	0202734027011500042	HANDPUMP	0.34
33	2225 C/24	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Chakali veedi	0202734027011500043	HANDPUMP	0.77
34	2226 C/24	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	kumman bazar-2	0202734027011500044	HANDPUMP	1.02
35	2227 C/24	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	kumman areedhi	0202734027011500045	HANDPUMP	0.98

Asst. Chemist

State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIZIANAGARA

36	2226 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	drivers colony	0202734027011500046	HANDPUMP	0.25
37	2227 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	mangala veedi kalvert	0202734027011500047	HANDPUMP	0.42
38	2228 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Village	0202734027011500049	HANDPUMP	0.82
39	2229 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Dubala sc colony	0202734027011500060	HANDPUMP	0.07
40	2230 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	ZPH SCHOOL II	0202734027011500061	HANDPUMP	0.87
41	2231 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	YATHA PETA	0202734027011500063	HANDPUMP	0.75
42	2232 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SHARABILA STREET	0202734027011500064	HANDPUMP	0.78
43	2233 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	BURRIAL GROUND YEM ROAD 5	0202734027011500065	HANDPUMP	1.35
44	2234 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	KUMMAR BAJARI-2	0202734027011500067	HANDPUMP	0.53
45	2235 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SAI NAGAR	0202734027011500069	HANDPUMP	0.94
46	2236 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	OLD SIVAJI NAGAR	0202734027011500071	HANDPUMP	1.31
47	2237 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	UMADEVI COLONY	0202734027011500074	HANDPUMP	1.15
48	2238 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	RTC COMPLEX	0202734027011500076	HANDPUMP	0.68
49	2239 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	NOOKALAMMA TEMPLE OLD VIL	0202734027011500082	HANDPUMP	0.19
50	2240 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	ARISEETI YELLAI R HOUSE	0202734027011500085	HANDPUMP	0.72
51	2241 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SIMHADWARAM	0202734027011500087	HANDPUMP	1.07
52	2242 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	MAHENDRASSHOPPINGCOMPLEX	0202734027011500088	HANDPUMP	0.35
53	2243 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SC COLONY SCHOOL	0202734027011500090	HANDPUMP	0.46
54	2244 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	3RD WARD	0202734027011500092	HANDPUMP	0.56
55	2245 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	KUMMAR BANJAR	0202734027011500095	HANDPUMP	0.32
56	2246 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	RAMA PARTHI VARI KALLALI	0202734027011500096	HANDPUMP	0.07
57	2247 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	GEDDA VEEDI CHURCH	0202734027011500098	HANDPUMP	0.34
58	2248 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	MUTYALAMMA VEEDI	0202734027011500099	HANDPUMP	0.61
59	2249 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	YETHA PETA	0202734027011500100	HANDPUMP	1.13
60	2250 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SC COLONY	0202734027011500101	HANDPUMP	1.25
61	2251 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Near Police Station	0202734027011500111	HANDPUMP	0.97
62	2252 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	Ardhannapalem	0202734027011500200	PWS	0.3
63	2253 C/23	01.02.2024	01.02.2024	KOTTAVALASA	KOTHAVALASA	KOTHAVALASA	KOTHAVALASA	SC COLONY (Dabalu)	0202734027011500451	DP	0.89

L. N. V. J. R.
Dy Exe Engineer
RWS&S L.Kota

B. Chenchelala
Asst Exe. Engineer (Lab)
RWS&S L.Kota

B. K.
Chemist
WQM Lab L. Kota

Ass. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

Fluoride Test Report at Kollivalasa village (Therlam mandal) in Vizianagaram District

IS:10500-2012 Permissible limits						Requirement (Acceptable limits)			1
						Permissible limits in the absence of alternate source			'1.5
						Units			mg./lit.
S. NO	Date of Collection	Mandal	Panchayat	Village	Habitation	Location	source code	Type of Source	Fluoride as F ⁻
1	2	4	5	6	7	8	9	10	11
1	29.01.24	Therlam	Appalampeta	Appalampeta	Kollivalasa	PWS Scheme	0213315002033300600	MVS IFW	0.67
2	29.01.24	Therlam	Appalampeta	Appalampeta	Kollivalasa	Ballaram House	0213315002033300007	HANDPUMP	1.35
3	29.01.24	Therlam	Appalampeta	Appalampeta	Kollivalasa	BC Colony	0213315002033300006	HANDPUMP	0.95
4	29.01.24	Therlam	Appalampeta	Appalampeta	Kollivalasa	SC Colony (Latitude 18.522 Longitude 83.522)	0213315002033300005	HANDPUMP	1.80
5	29.01.24	Therlam	Appalampeta	Appalampeta	Kollivalasa	Housing Colony	0213315002033300003	HANDPUMP	0.70
6	29.01.24	Therlam	Appalampeta	Appalampeta	Kollivalasa	MPP School	0213315002033300004	HANDPUMP	1.14

B. Satishma
Lab Chemist 29/01/24
WQM Lab
RWS&S SD Bobbili,

K. Anwar 03/02/24
Lab Incharge,
Assistant Executive Engineer,
RWS&S SD Bobbili.

3/2/24
Dy. Executive Engineer,
RWS&S Sub Division,
Bobbili.

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

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Fluoride Test Report at Gowripuram village (Balijipeta mandal) in Parvathipuram(Manyam) District

IS:10500-2012 Permissible limits						Requirement (Acceptable limits)			1
						Permissible limits in the absence of alternate source			1.5
						Units			mg./lit.
S.NO	Date of Collection	Mandal	Panchayat	Village	Habitation	Location	source code	Type of Source	Fluoride as F ⁻
1	2	4	5	6	7	8	9	10	11
1	05.02.2024	Balijipeta	Peddimpeta	Peddimpeta	Gowripuram	In village	0201309005010300500	PWS	0.62
2	05.02.2024	Balijipeta	Peddimpeta	Peddimpeta	Gowripuram	BC Colony (Latitude 18.751 Longitude 83.534)	0201309005010300003	HANDPUMP	0.87
3	05.02.2024	Balijipeta	Peddimpeta	Peddimpeta	Gowripuram	Anganwadi	TAP	TAP	0.32
4	05.02.2024	Balijipeta	Peddimpeta	Peddimpeta	Gowripuram	Mp ele school	TAP	TAP	0.19
5	05.02.2024	Balijipeta	Peddimpeta	Peddimpeta	Gowripuram	P.Laxmi	FHTC	TAP	0.44

V. Geetha Ranga
Lab chemist / Microbiologist
WQM Lab
RWS&S PARVATHIPURAM

P. Varadachari
Assistant Executive Engineer,
RWS&S BALIJIPETA

Dr. Exelencinakar
RWS&S PARVATHIPURAM

Asst. Chemist
State Level Water Testing Laboratory
Kural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

SNo	Name of the Mandal	Name of the Panchayat	Name of the Village	Name of the Hab	Asset Location	Asset Type	Fluoride
1	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	JUNIAR COLLEGE	PWS	0.65
2	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	NEAR RAMA TEMPLE	PWS	0.36
3	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	VILLEG END	PWS	0.64
4	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	AMBEDKAR COLONY	MPWS	0.38
5	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	ARUNDHATHI COLONY	MPWS	0.37
6	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	Midhivari kallalu	Openwell	0.71
7	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	Thalapureddi vari kallalu	Openwell	0.36
8	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GATREDDI KALLALU.2	Handpump	0.64
9	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	DASARI VARI KALLALU	Handpump	1.04
10	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	YARRA VARI KALLALU	Handpump	0.2
11	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GATREDDI KALLALU	Handpump	0.52
12	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	MODHAKON DA COLONY	Handpump	0.44
13	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	YERRAVARI KALLALU	Handpump	0.28
14	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	VELLANKI VARI KALLALU	Handpump	0.36
15	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	VELLANKIVARI KALLALU	Handpump	1.4
16	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	S.C.COLONY	Handpump	1.21
17	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	KANNARAO HOUSE.15TH WARD	Handpump	0.64
18	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GATREDDIVARI RAMALAYAM	Handpump	0.38
19	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	KALAGARLA KASU GARI HOUS	Handpump	0.54
20	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	10TH WARD	Handpump	0.45
21	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	5TH WARD V.NARASINGARAO H	Handpump	0.62
22	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	COLLEGE BACK SIDE	Handpump	0.66
23	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	Z.P.H.SCHOOL	Handpump	0.51
24	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	13TH WARD	Handpump	0.36
25	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	2ND WARD	Handpump	0.28
26	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	MODI NAIDU RICE MILL	Handpump	0.63
27	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GUMMIDI VEEDHI	Handpump	0.38
28	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	SIVALAYAM	Handpump	0.42
29	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	HARIANA SCHOOL	Handpump	0.29
30	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	MATTA VARI KALLALU	Handpump	0.44
31	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	SC.COLONY	Handpump	0.55
32	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	NANDHI	Handpump	0.32
33	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	PM DHASU R&B ROAD 15 WARD	Handpump	0.46
34	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GUMMIDI VEEDHI	Handpump	0.38
35	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	5TH WARD GATTA VARI VEEDH	Handpump	0.48
36	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	8TH WARD GATREDDI VARI VE	Handpump	0.54
37	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	VINAYAKA TEMPLE	Handpump	0.63
38	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	COLLEGE ROUND	Handpump	0.89
39	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	K.NAGESWARA RAO HOUSE	Handpump	0.59
40	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GANDHINAGAR	Handpump	0.63
41	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	ARUNDATI COLONY 6TH WARD	Handpump	0.48
42	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	7 TH WARD K.MANIKYAM	Handpump	1.14
43	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	S.C.COLONY -II 14 WARD	Handpump	0.32
44	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	Z.P.H.SCHOOL	Handpump	0.87
45	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	RELU STREET	Handpump	0.57
46	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	S.C.COLONY	Handpump	0.64
47	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	SINNAMMA CHERUVU	Handpump	1.14
48	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	B.SESHU HOUSE	Handpump	0.44
49	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	2ND WARD KAKULAD/SBA	Handpump	0.76
50	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	MILATRY NAGAR	Handpump	0.56
51	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	POTHU RAJU TEMPLE	Handpump	1.09
52	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GANDHI NAGAR	Handpump	0.72
53	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	2ND WARD	Handpump	0.84
54	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	MAIN ROAD	Handpump	0.72
55	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	MEDARA STREET 11TH WARD	Handpump	1.08
56	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	RACHAKRISHNASHOP 3RD WARD	Handpump	0.52

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SNo	Name of the Mandal	Name of the Panchayat	Name of the Village	Name of the Hab	Asset Location	Asset Type	Fluoride
57	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	B.SESHU HOUSE	Handpump	0.66
58	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	RAJA RAO KOVA	Handpump	0.11
59	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	PRAKASH NAGAR	Handpump	0.19
60	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	1ST WARD	Handpump	0.26
61	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	G.SCHOOL	Handpump	0.14
62	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	9TH WARD UGGINA VEEDHI	Handpump	1.32
63	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	10TH WARD SOMIREDDI VEEDHI	Handpump	0.34
64	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	11TH WARD BHEEMARATHI VEE	Handpump	0.16
65	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	U.P.SCHOOL	Handpump	0.76
66	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	AMBEDKARA COLONY-I	Handpump	0.54
67	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	AMBEDKAR COLONY-II	Handpump	0.61
68	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	AMBEDKAR COLONY-III	Handpump	0.4
69	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	AMBEDKAR COLONY-IV	Handpump	0.19
70	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	DASARI VEEDHI	Handpump	1.05
71	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	G.PRAKASHA RAO HOUSE	Handpump	0.84
72	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	KOTA VEEDHI	Handpump	0.36
73	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	13TH WARD ORUGONDA STREET	Handpump	0.28
74	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	4TH WARD G.JOGA RAO HOUSE	Handpump	0.4
75	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	2ND WARD	Handpump	0.73
76	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	DASARIVARI KALLALU	Handpump	0.64
77	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	AMBEDKAR STAGE	Handpump	0.88
78	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GATREDDI KALLALU	Handpump	1.04
79	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	SOMIREDDI VARI KALLALU	Handpump	0.68
80	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	MAOUMANTHI VEEDI	Handpump	1.14
81	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GANDHI NAGAR PVSN	Handpump	0.76
82	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	KUMMARI VEEDI	Handpump	0.64
83	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	TANK 8 WARD	Handpump	0.72
84	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GATREDDIVARI KALLALU	Handpump	0.48
85	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	SC COLONY	Handpump	0.86
86	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	VISSARAPUVARI KALLALU	Handpump	0.44
87	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	PATAMSETTIVARI KALLALU	Handpump	0.52
88	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	VEERAVILLIVARI KALLALU	Handpump	0.58
89	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	VATHAPETA	Handpump	0.66
90	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	BURRIAL GROUND	Handpump	0.92
91	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	EMILI RMARAOASE	Handpump	1.04
92	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	DEVATAMMA TEMPLE	Handpump	0.36
93	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	ADDURI VARI KALLALU	Handpump	0.55
94	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	VISARAPU VARI KALLALU	Handpump	0.68
95	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	IRLA VARI KALLALU	Handpump	0.64
96	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	KANCHUMURTTI KALLALU	Handpump	0.76
97	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	TVS SHOW ROOM BACK	Handpump	0.32
98	RAVIKAMATHAM	KOTHAKOTA	KOTHAKOTA	KOTHA KOTA	GUMMUDI VARI KALLALU	Handpump	0.41

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FLUORIDE VALUES

S.No	Name of the	Name of the	Name of the	Name of the	Name of the	Type of Source	Fluorides (1 - 1.5)
	Mandal	G.P.	Village	Habitation	Location		as F
1	G.MADUGULA	KILLAMKOTA	SUBBULU	ROLUGUNTA	ROLUGUNTA	SCEHME	0.02
2	PADERU	VANTLAMAMIDI	VANTLAMAMIDI	VANTLAMAMIDI	ROAD LEFT SIDE	OPEN WELL	0.26
3	PADERU	VANTLAMAMIDI	VANTLAMAMIDI	VANTLAMAMIDI	NEAR TEMPLE	HAND PUMP	1.02
4	PADERU	VANTLAMAMIDI	VANTLAMAMIDI	VANTLAMAMIDI	VILLAGE	HAND PUMP	0.58
5	PADERU	VANTLAMAMIDI	VANTLAMAMIDI	VANTLAMAMIDI	VILLAGE DOWN SIDE	SPRING	0.02
6	PADERU	VANTLAMAMIDI	VANTLAMAMIDI	VANTLAMAMIDI	ROAD RIGHT SIDE	OPEN WELL	0.08

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REPORT ON ROLUGUNTA VILGE WATER QUALITY CHEMICAL ANALYSIS RESULTS

S. No	Name of the Mandal	Name of the G.P.	Name of the Village	Name of the Habitation	Name of the Location	Type of Source	Fluorides as F
1	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	SARPARIVER	CPWS	0.3
2	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	S.C.COENY	MPWS	0.53
3	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	R&B ROAD SIDE	OPENWELL	0.95
4	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	P.NAGARAJU HOUSE (SC)	HAND PUMP	1.61
5	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ABYUDUYA SCHOOL	HAND PUMP	1.42
6	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	S.NOOKARAJU HOUSE	HAND PUMP	1.45
7	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	S.NARSIMHA MURTHY HOUSE	HAND PUMP	1.31
8	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	N.YERRAYAMMA HOUSE	HAND PUMP	1.58
9	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	POLICE STATION	HAND PUMP	1.65
10	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	KOVURU ROAD SIDE	HAND PUMP	1.7
11	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	SUGAR COLLECTION CENTER	HAND PUMP	1.73
12	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MILK CENTRE	HAND PUMP	1.59
13	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	HANUMAN TEMPLE	HAND PUMP	1.62
14	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	SC COLONY	HAND PUMP	1.8
15	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MANIKYA RAO HOUSE	HAND PUMP	1.57
16	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	RUTTALA NOOKARAJU PAKALU	HAND PUMP	1.6
17	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MAKIREDDI SATHIBABU PAKAL	HAND PUMP	0.95
18	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	SANTHOSIMATA TEMPLE	HAND PUMP	1.64
19	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	KAMMARAJU PAKALU	HAND PUMP	1.37
20	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	DANIMIREDDY VARI STREET	HAND PUMP	1.45
21	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	NARASIMHA MURTHY PAKALU	HAND PUMP	1.3
22	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	K.G.B.SCHOOL	HAND PUMP	1.35
23	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	NEAR SWAMINAIDU M.RAMANA	HAND PUMP	1.41
24	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	RAVADA MANIREDDY HOUSE	HAND PUMP	1.22
25	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	M.CHINARAJUBABU	HAND PUMP	1.53
26	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	BURRIEL GROUND	HAND PUMP	1.3
27	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	SARPANCH STREET	HAND PUMP	1.65
28	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	GORLE CHINNA BABU PAKALU	HAND PUMP	1.33
29	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	YEKA NARASIMHAMURTHY PAKA	HAND PUMP	1.39
30	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	SAI BABA TEMPLE	HAND PUMP	1.58
31	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MADDU SRINIVASA RAO PAKAL	HAND PUMP	1.47
32	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MADDU RAJUBABU PAKALU	HAND PUMP	1.36
33	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	BOLEM YERAPATRUDDU PAKALU	HAND PUMP	1.08
34	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	TAMARANA CHINNA RAO PAKAL	HAND PUMP	1.25
35	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MADDU DARAJU HOUSE	HAND PUMP	1.61
36	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	JE QUERY	HAND PUMP	1.84
37	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	KHASTURIBAI SCHOOL BACK S	HAND PUMP	1.4
38	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MADDU CHINARAJU PAKALU	HAND PUMP	0.64
39	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	KALLA SATHIBABU PAKALU	HAND PUMP	1.22
40	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	YEKA NARASIMHAMURTHY PAKA	HAND PUMP	0.49
41	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	SAIBABA TEMPLE	HAND PUMP	1.52

42	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	Y ARJUNA HOUSE SC COLONY	HAND PUMP	1.58
43	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	NODKAMBIKA TEMPLE	HAND PUMP	1.23
44	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ALLU VARI VEEDI (7TH WARD	HAND PUMP	1.55
45	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	M.SATYAM HOUSE NEAR MDO	HAND PUMP	1.59
46	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	CH.VENKATA RAO HOUSE	HAND PUMP	1.36
47	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	N.SIMMANNA KALLALU	HAND PUMP	1.48
48	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	KOTTEVARI KALLALU	HAND PUMP	1.53
49	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	VARRY APPA RAO QUARY	HAND PUMP	1.66
50	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	A.APPLA NAIDU HOUSE MARKE	HAND PUMP	1.3
51	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	D.P.E.P SCHOOL	HAND PUMP	1.15
52	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	11 TH WARD	HAND PUMP	1.62
53	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	COMMANA RAMANAMMA HOUSE	HAND PUMP	1.54
54	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ANGANIWADI SCHOOLUSE	HAND PUMP	1.31
55	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	CHAKALI VEEDI	HAND PUMP	1.24
56	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	WEEVERS COLONY	HAND PUMP	1.6
57	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	KOTTE CHINNA APPA RAO HOU	HAND PUMP	1.3
58	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	M.KRISHNA MURTHY HOUSE	HAND PUMP	1.19
59	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	VETNARY HASPATAL	HAND PUMP	0.95
60	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ZPH SCHOOL	HAND PUMP	1.32
61	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	THRIVENI SANGAM(RAMALAYAM	HAND PUMP	1.67
62	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	M.MATCHIYYA NAIDU PAKALU	HAND PUMP	0.84
63	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	NEAR YERUKUNAIIDU HOUSE	HAND PUMP	1.28
64	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	VINAYAKA TEMPLE	HAND PUMP	1.57
65	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	BANDARU KONDABABU PAKALU	HAND PUMP	0.78
66	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	KALLA SATHIBABU PAKALU	HAND PUMP	0.35
67	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MAKIREDDY SATHIBABU PAKAL	HAND PUMP	0.7
68	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MADDU SIMMANNA VEEDI	HAND PUMP	1.42
69	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	POTHALA SRINU PAKALU	HAND PUMP	1.35
70	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MARISA NAIDU HOUSE	HAND PUMP	1.21
71	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	RONGALA KANNABABU HOUSE	HAND PUMP	0.98
72	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	POLADASU TATALU	HAND PUMP	0.76
73	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	GOVT JUNIOR COLLEGE	HAND PUMP	1.2
74	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	RUTTALA RAJUBABU HOUSE	HAND PUMP	1.14
75	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	PALLI APPALANAIDU HOUSE	HAND PUMP	1.66
76	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	BANDARU SATHIBABU PAKALU	HAND PUMP	0.52
77	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	TAMARANA CHINNARAO PAKALU	HAND PUMP	1.04
78	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	MADDU NOOKARAJU HOUSE	HAND PUMP	1.59
79	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	SAMIREDDI MUSILINAIDU	HAND PUMP	1.32
80	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	ROLUGUNTA	NEW SC COLONY	HAND PUMP	1.4

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CHEMICAL ANALYSIS REPORT OF WATER SAMPLES (FLUORIDE)
WQM LABORATORY RWS& S SUB-DIVISION, Rampachodavaram

Sl.No.	Date	Mandal	Panchayth	Village	Location of Source and Address	Source of Water	Flouoride	Remarks
						CPWSS/ PWSS/MPWS S/ HP/OW		
1	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Pathaveedhi	OHSR	0.68	Potable
2	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	In Village	OHSR	0.69	Potable
3	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Kothaveedhi	PWS	1.46	Potable
4	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Seedem.Urmila House	PWS	1.39	Potable
5	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Madakam.Ramchandra Rao House	HP	1.4	Potable
6	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Village Health Clinic	Tank Tap	0.97	Potable
7	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Venkat Reddy House	HP	1.29	Potable
8	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	B.Lakshmi House	HP	1.33	Potable
9	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Karam.Baburao House	HP	1.33	Potable
10	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	K.Kamaraju House	HP	1.4	Potable
11	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Anganwadi	HP	1.21	Potable
12	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Church	OHSR	1.17	Potable

13	5/2/2024	Rampachodavaram	Foulk Peta	Foulk Peta	Near Church Road	HP	0.8	Potable
14	5/2/2024	Rampachodavaram	I Polavaram	seethapalli Colony	M.Abbai Dora	OHSR	1.33	Potable
15	5/2/2024	Rampachodavaram	I Polavaram	seethapalli Colony	Near Tower Street	HP	0.58	Potable
16	5/2/2024	Rampachodavaram	I Polavaram	seethapalli Colony	Road Side	HP	1.08	Potable
17	5/2/2024	Rampachodavaram	I Polavaram	seethapalli Colony	Bapannamma Temple Right Side	HP	0.34	Potable
18	5/2/2024	Rampachodavaram	I Polavaram	seethapalli Colony	K.Chinnalu Dora	HP	0.46	Potable
19	5/2/2024	Rampachodavaram	I Polavaram	seethapalli Colony	Three road Junction	HP	1.07	Potable
20	5/2/2024	Gangavaram	Zaderu	Zaderu	Chelaka Veedhi	OHSR	0.63	Potable
21	5/2/2024	Gangavaram	Zaderu	Zaderu	Chelaka Veedhi	HP	0.68	Potable
22	5/2/2024	Gangavaram	Zaderu	Zaderu	Village	HP	1.36	Potable
23	5/2/2024	Gangavaram	Zaderu	Zaderu	Zaderu	Tank	1.18	Potable
24	5/2/2024	Gangavaram	Mohana Puram	Lakmi Puram	Village	Tank	0.55	Potable
25	5/2/2024	Gangavaram	Mohana Puram	Lakmi Puram	Tank Opposite House	Tank	0.53	Potable
26	5/2/2024	Gangavaram	Mohana Puram	Lakmi Puram	Chinthalamma Veedhi	HP	0.71	Potable
27	5/2/2024	Gangavaram	Mohana Puram	Lakmi Puram	Village Entrance	HP	0.57	Potable

28	5/2/2024	Gangavaram	Mohana Puram	Nuvvumamidi	Nuvvumamidi	Solar Tank		
29	5/2/2024	Gangavaram	Mohana Puram	Nuvvumamidi	Nuvvumamidi	PWS	0.6	Potable
							0.93	Potable

Signature
Microbiologist
RWS&S Sub-Division LAB
Rampachodavaram

Signature
Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
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WQM JANGAREDDIGUDEM SUB DIVISIONAL LEVEL LAB FLOURIDE REPORT

SL NO.	NAME OF THE LABORATORY	NAME OF THE MANDAL	NAME OF THE VILLAGE	NAME OF THE HABITATION	TYPE OF THE SOURCE	LOCATION OF THE SOURCE	SOURCE CODE	TESTED DATE	FLOURIDE as F-mg/lit.
1	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	Konijerla road	5112902	06.02.2024	1.23
2	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	Near Church, Opp. Ananya Public School	7088929	06.02.2024	1.32
3	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	Near R&B road side	30089222	06.02.2024	1.31
4	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	R&B road side, Near Ayurveda Hospital	5106267	06.02.2024	1.38
5	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	Milk Centre	5115278	06.02.2024	1.34
6	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	Chinnamvari bajar	5105838	06.02.2024	1.22
7	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	SC Location Anganwadi	7088926	06.02.2024	0.87
8	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	Thurpu gudem SC burrial ground	7088927	06.02.2024	0.83
9	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	Thurpu gudem near SC burrial ground	7088928	06.02.2024	1.23
10	Jangareddigudem	Lingapalem	Dharmajigudem	Dharmajigudem	Borewell	Model Colony	5113983	06.02.2024	1.25
11	Jangareddigudem	Lingapalem	Dharmajigudem	Katamreddipalli	Borewell	SC Location	8144619	06.02.2024	1.1
12	Jangareddigudem	Lingapalem	Dharmajigudem	Katamreddipalli	Borewell	OC Location ZPH School	30113229	06.02.2024	1.18
13	Jangareddigudem	Lingapalem	Dharmajigudem	Suminenivarigudem	Borewell	OC Location Near Sumineni Murali House	30113250	06.02.2024	1.23

Deputy Executive Engineer,
RWS&S sub division,
Jangareddigudem.

Lab Chemist,
WQM RWS&S Sub Division
Jangareddigudem.

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
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WQM PALAKOLLU SUB-DIVISION LAB FLOURIDE REPORT

S.No	Name of the Laboratory	Name of the Mandal	Name of the Village	Name of the Habitation	Type of the Source	Location Of the Source	Source Code	Tested Date	Flouride as F. mg/lit	Remarks
1	Palakollu	Bhimavarani	Narashimapuram	Narashimapuram	Surface water	Near OHSR	8287241	06.02.2024	0.36	Safe

V. *V. Venkatesh*
 Assistant Engineer 6/2/24
 Laboratory Incharge
 RWS & S Section, Palakol.

K. *K. R. Suresh*
 Lab. Chemist 06/02/24

[Signature]
 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept, A.P
 VIJAYAWADA

WQM KOVVUR DIVISIONAL LAB FLOURIDE REPORT

SNO	NAME OF THE LABORATORY	NAME OF THE MANDAL	NAME OF THE VILLAGE	Name of the Habitation	TYPE OF THE SOURCE	Location of the Source	Source Code	TESTED DATE	FLUORIDE F- mg/lit
1	Kovvur	Gopalapuram	Chityala	Chityala	BW	Near Fields	7087216	05.02.2024	0.68
2	Kovvur	Gopalapuram	Chityala	Chityala	BW	Near Fields	7087215	05.02.2024	0.55
3	Kovvur	Gopalapuram	Chityala	Chityala	HP	Near E Kondayya House	2279335	05.02.2024	1.09
4	Kovvur	Gopalapuram	Chityala	Chityala	HP	Rajakula Street	2279342	05.02.2024	1.48
5	Kovvur	Gopalapuram	Chityala	Chityala	HP	Posamma Tank	2279345	05.02.2024	1.36
6	Kovvur	Gopalapuram	Chityala	Chityala	HP	Bus Stop	2279341	05.02.2024	1.65


 05/02/24
Assistant Engineer
 RWS&S Section
 Kovvur Mandal

M. N. S. S.
 05/02/24
CHEMIST
 RWS & S, WQM
 KOVVUR


Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. AP
 VIJAYAWADA

REPORT ON RANGANNAGUDEM VILLAGE WATER QUALITY CHEMICAL ANALYSIS RESULTS

Sr. no	Date of Collection	Mandal	G.P	Habitation	Location	Type of Source	Hardness (TDS) mg/lit
1	30.01.2024	Bapulapadu	Rangannagudem	Rangannagudem	Near Mpup School	Pwss	0.4
2	30.01.2024	Bapulapadu	Rangannagudem	Singannagudem	Main Village Tank	Pwss	0.5
2	30.01.2024	Bapulapadu	Rangannagudem	Rangannagudem	Near School	Direct Pumping	0.42

P. Ravikiran
Signature of the Lab Chemist
RWS&S Sub Division, Gannavaram

OR DL
Assistant Executive Engineer
RWS&S Sub Division, Gannavaram

[Signature]
Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
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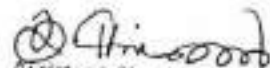
REPORT ON EXCESS FLUORIDE OF A KONDURU MANDAL, A KONDURU VILLAGE & TIRUVURU MANDAL KAKARLA VILLAGE CHEMICAL ANALYSIS REPORT
OF NTR DISTRICT, VIJAYAWADA DISTRICT LABORATORY

SL NO:	DATE OF COLLECTION	DATE OF TESTING	NAME OF THE MANDAL	NAME OF THE GRAMPANC	NAME OF THE HABITATION	NAME OF THE LOCATION	TYPE OF SOURCE	FLUORIDE (as F)	REMARKS
1	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	Sri ramulu house	HP	0.80	Potable
2	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	O.C Area	PWSS	0.38	Potable
3	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	Cheruva katta	DP	0.42	Potable
4	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	Near church	DP	1.12	Potable
5	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	Pujari Srinu	HP	1.26	Potable
6	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	Gaddam Anandhrao	HP	0.67	Potable
7	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	Ramalayam	HP	1.05	Potable
8	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	MPP School Main Village	HP	0.58	Potable
9	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	MPUP School	HP	1.12	Potable
10	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	R. Venkateswarao House	HP	1.11	Potable
11	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	KAKARLA	Badhran House	HP	1.41	Potable
12	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	MALAPALLI	CSI School/Church	HP	2.48	Excess Fluoride
13	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	MALAPALLI	Malapalli	DP	1.5	Potable
14	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	MALAPALLI	Meni House (near Pullaiah)	HP	1.96	Excess Fluoride
15	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	MALAPALLI	M.Pasi House	HP	1.39	Potable
16	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	MALAPALLI	Bogam Doctor	HP	2.2	Excess Fluoride
17	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	MALAPALLI	Vijay milk Booth main centre	HP	1.91	Excess Fluoride
18	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	MALAPALLI	RCM Church	HP	2.2	Excess Fluoride
19	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	Near A.W.C	HP	1.04	Potable
20	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	Kanaparthi Rajendra Prasad	HP	1.10	Potable
21	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	Kota Kondalarao	HP	1.21	Potable
22	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	H/wada Centre	HP	0.94	Potable
23	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	R&B Road Centre	HP	2.0	Excess Fluoride
24	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	Near R.B.K	DP	1.19	Potable
25	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	Kota Viswanadham House	HP	1.5	Potable
26	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	Kanaparthi Aadam	HP	1.21	Potable

SL NO:	DATE OF COLLECTION	DATE OF TESTING	NAME OF THE MANDAL	NAME OF THE GRAMAPANC HAYAT	NAME OF THE HABITATION	NAME OF THE LOCATION	TYPE OF SOURCE	FLOURIDE (as F)	REMARKS
27	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	Venkata Krishna	DP	0.65	Potable
28	1/2/2024	1/2/2024	TIRUVURU	KAKARLA	H/Wada	Malladi Rambabu	HP	1.5	Potable
29	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Main Village	PWSS	2.8	Excess Fluoride
30	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	ON NHAI Road Side	PWSS	2.7	Excess Fluoride
31	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Inside MPUP School	HP	1.50	Potable
32	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Muthyalama Temple	HP	1.5	Potable
33	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	S.C Colony Malapalli (P.Prakas house)	HP	2.28	Excess Fluoride
34	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Malapalli Panita Baskarao	HP	2.48	Excess Fluoride
35	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Yaduvala Bazar (S.Satyam House)	HP	2.24	Excess Fluoride
36	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	B.C Colony Baji House	HP	1.5	Potable
37	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	B.C Colony At G V Rao House	HP	2.25	Excess Fluoride
38	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	S.Narasimha Rao House	HP	2.30	Excess Fluoride
39	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	New Malapalli	HP	2.17	Excess Fluoride
40	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Yaduvala Bazar At Ch.N.Ratnam House	HP	2.19	Excess Fluoride
41	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Bus Stop	HP	2.28	Excess Fluoride
42	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Grandalayam	HP	2.46	Excess Fluoride
43	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Old M.R.O. Office	HP	1.08	Potable
44	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	L.Thirupathirao House	HP	2.0	Excess Fluoride
45	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Near J.Konda House	HP	2.00	Excess Fluoride
46	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Post Office	HP	2.20	Excess Fluoride
47	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	CSI Church	HP	2.50	Excess Fluoride
48	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Sekhar House S.C Area	HP	2.80	Excess Fluoride
49	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Burrial Ground	HP	2.80	Excess Fluoride
50	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	GP Office	HP	1.50	Potable
51	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Karimulla Hospital	HP	2.36	Excess Fluoride
52	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Near Main Center	DP	1.91	Excess Fluoride
53	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	ZPH High School	HP	1.81	Excess Fluoride
54	2/2/2024	2/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	R&B road Vinayaka temple	HP	1.5	Potable
55	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	NREGS (Lanco)	HP	1.8	Excess Fluoride
56	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Vanaparilla Satyam	HP	2.56	Excess Fluoride

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

Sl NO:	DATE OF COLLECTION	DATE OF TESTING	NAME OF THE MANDAL	NAME OF THE GRAMAPANC HAYAT	NAME OF THE HABITATION	NAME OF THE LOCATION	TYPE OF SOURCE	FLOURIDE (as F)	REMARKS
60	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	ravi chettu bazar Akkasani Bangarao	HP	1.46	Potable
61	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Barre prasanna Rao (Malapalle)	HP	2.80	Excess Fluoride
62	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Gudavalli Turupatirao (Malapalle)	HP	2.80	Excess Fluoride
63	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Sadam Narasimharao	HP	1.8	Excess Fluoride
64	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	A.KONDURU	Imeman Yesu	HP	2.40	Excess Fluoride
65	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	PATHA KONDURU	At Cheruvu Gattu	PWSS	1.23	Potable
66	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	PATHA KONDURU	Main Village	MPWS	0.98	Potable
67	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	PATHA KONDURU	At Anjiteeya Swamy Temple	HP	0.81	Potable
68	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	PATHA KONDURU	MP Ele School	HP	0.75	Potable
69	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	PATHA KONDURU	H W New	HP	1.34	Potable
70	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	PATHA KONDURU	Burrial Ground	HP	0.76	Potable
71	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	PATHA KONDURU	Lanco	HP	0.86	Potable
72	3/2/2024	3/2/2024	A.KONDURU	A.KONDURU	PATHA KONDURU	Y Nageswara Rao	HP	0.72	Potable


 Assistant Chemist
 IWQM Laboratory
 Vijayawada

K. Swetha
 Assistant Executive Engineer
 I/C IWQM Laboratory
 Vijayawada


 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P
 VIJAYAWADA

REPORT ON EX FLUORIDE VEERULAPADU MANDAL JAGANNADHAPURAM VILLAGE & VATSAVAI MANDAL MAKKAPETA VILLAGE
CHEMICAL ANALYSIS REPORT OF NANDIGAMA SUB DIVISION LAB

S. NO.	NAME OF THE MANDAL	NAME OF THE GP	NAME OF THE HABITATION	NAME OF THE LOCATION	TYPE OF SOURCE	DATE	FLUORIDE (as F)	REMARKS
1	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Muthyalamma Temple	HP	02.02.24	1.96	Ex Fluoride
2	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Bonthu Srinivas Reddy	BORE	02.02.24	2.25	Ex Fluoride
3	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Rapa Reddy	HP	02.02.24	1.92	Ex Fluoride
4	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Chalamala Chowry Reddy	BORE	02.02.24	1.26	Below limit
5	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Mp Ele School	BORE	02.02.24	2.25	Ex Fluoride
6	Veerullapadu	Jagannadhapuram	Jagannadhapuram	At Mpp School	CPWS	02.02.24	0.6	Below limit
7	Veerullapadu	Jagannadhapuram	Jagannadhapuram	Jagannadhapuram	PWS	02.02.24	2.06	Ex Fluoride
8	Veerullapadu	Jagannadhapuram	OLD H/W	Near Well	HP	02.02.24	1.06	Below limit
9	Vatsavai	Makkapeta	Makkapeta	Veternary Hospital	HP	02.02.24	0.99	Below limit
10	Vatsavai	Makkapeta	Makkapeta	Zphs School	HP	02.02.24	0.7	Below limit
11	Vatsavai	Makkapeta	Makkapeta	Health Center	HP	02.02.24	0.81	Below limit
12	Vatsavai	Makkapeta	Makkapeta	Bus stop	HP	02.02.24	1.46	Below limit
13	Vatsavai	Makkapeta	Makkapeta	Panchayat office	HP	02.02.24	1.22	Below limit
14	Vatsavai	Makkapeta	Makkapeta	Ramalayam	HP	02.02.24	0.71	Below limit
15	Vatsavai	Makkapeta	Makkapeta	Water Plant Jangallapalli	HP	02.02.24	1.5	Below limit
16	Vatsavai	Makkapeta	Makkapeta	Pelluri Sarangam	HP	02.02.24	1.29	Below limit
17	Vatsavai	Makkapeta	Bc Colony	Gopinenipalem Road side	HP	02.02.24	1.5	Below limit
18	Vatsavai	Makkapeta	Makkapeta	Makkapeta	CPWS	02.02.24	0.48	Below limit
19	Vatsavai	Makkapeta	Bc Colony	Housing Colony 2	HP	02.02.24	1.07	Below limit
20	Vatsavai	Makkapeta	Bc Colony	Housing Colony 3	HP	02.02.24	1.01	Below limit
21	Vatsavai	Makkapeta	Makkapeta	Sivalayam	BORE	02.02.24	1.47	Below limit
22	Vatsavai	Makkapeta	Sc Colony	Ravikumar	HP	02.02.24	0.98	Below limit
23	Vatsavai	Makkapeta	Sc Colony	Wilson	HP	02.02.24	1.5	Below limit
24	Vatsavai	Makkapeta	St Colony	Ramaih	HP	02.02.24	0.74	Below limit
25	Vatsavai	Makkapeta	St Colony	Ramdas	HP	02.02.24	0.55	Below limit
26	Vatsavai	Makkapeta	Bc Colony	E.Chakradar rao	HP	02.02.24	1.5	Below limit
27	Vatsavai	Makkapeta	Bc Colony	R&B Road side	HP	02.02.24	1.6	Ex Fluoride
28	Vatsavai	Makkapeta	Bc Colony	Venkateswarlu	HP	02.02.24	1.31	Below limit

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WATER ANALYSIS REPORT (CHEMICAL)

SL No	NAME OF THE MANDAL	Date of collection	Date of Testing	NAME OF THE PANCHAYAT	NAME OF THE HABITATION	SOURCE CODE NO	SOURCE	LOCATION	pH	ELECTRICAL CONDUCTIVITY (Micro mhos/cm)	TOTAL DISSOLVED SOLIDS (mg/lit)	Total Hardness (As CaCO ₃) mg/lit	CHLORIDES (as Cl) mg/lit	Calcium (As CaCO ₃) mg/lit	Calcium (As Ca) mg/lit	Magnesium (as Mg) mg/lit	FLUORIDE (as F) mg/lit	NITRATES (as NO ₃) mg/lit	SULPHATES (as SO ₄) mg/lit	IRON	REMARKS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1	Durgi	31.01.2024	31.01.2024	Durgi	Durgi	071071900 801090060 0	MPWS-1	NEAR OLD SCHEME WELL	7.55	758	489	148	241	100	40	36	0.95	3.50	5	0	POTABLE
2	Durgi	31.01.2024	31.01.2024	Durgi	Durgi	071071900 801090040 8	MPWS SCHEM	SAKALIVA RI VEEDHI	7.45	954	615	132	210	80	32	32	0.97	2.10	320	0	POTABLE
3	Durgi	31.01.2024	31.01.2024	Durgi	Durgi	071071900 801090040 0	MPWS SCHEME	JANDACH ATTU	7.21	844	544	120	156	160	64	29	0.91	12.40	316	0.33	POTABLE
4	Durgi	31.01.2024	31.01.2024	Durgi	Durgi	071071900 801090040 0	MPWS-1	VENUGOPALA SWAMY TEMPLE	7.36	821	530	44	207	158	62	11	0.79	3.70	0	0	POTABLE
5	Durgi	31.01.2024	31.01.2024	Durgi	Durgi	071071900 801090040 1	MPWS-2	BUDIGE JANGALA COLONY	7.44	874	564	40	218	158	62	10	0.95	8.50	6	0.07	POTABLE
6	Durgi	31.01.2024	31.01.2024	Durgi	Durgi	071071900 801090003 7	HANDPUMP Converted Power Pump	OLD AGE HOME	7.16	1024	680	144	122	124	50	35	1.33	16.30	280	0.01	POTABLE
7	Durgi	31.01.2024	31.01.2024	Durgi	Durgi	071071900 801090045	MPWS	SIVALAYA M	7.64	664	635	124	218	120	48	30	0.95	10.30	224	0	POTABLE
8	Durgi	31.01.2024	31.01.2024	Durgi	Durgi	071071900 801090045	POWERPU MP-1	MRO OFFICE	7.55	1216	784	73	167	160	72	18	0.95	9.00	6	0.04	POTABLE

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Date	Mandal	NAME OF THE GRAM PANCHAYAT	NAME OF THE HABITATION	TYPE OF SOURCE	SOURCE LOCATION	Source Code No.	Chemical substances results expressed in mg/Lit										Mag. Res. (as Mg 2)	Chloride (as Cl)	Fluoride (as F)	Nitrate (as NO3)	Sulphate (as SO4)	Total Iron (as Fe)	REMARKS
							TURBIDITY (NTU)	PH	E.C (UMHDS/CM)	TDS (MG/LITS)	Total Alkalinity (as CaCO3)	Total Hardness (as CaCO3)	CALCIUM (as Ca2)										
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	ROSAIAH (H)	1	1	7.25	3570	2302	316	662	130	91	879	1.75	23	292	0.17	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	SIVALAYAM	2	2	7.30	4460	2876	312	744	108	114	1015	1.46	17	172	0.13	Brakish			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	MAIN ROAD	3	2	7.45	5240	2089	246	690	83	109	879	1.37	18	204	0.06	Brakish			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	MILK CENTER	4	1	7.22	4460	2876	428	570	86	111	1077	2.29	15	224	0.30	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	MILK CENTER (BACK)	5	0	7.16	2990	1928	288	416	73	54	411	1.76	12	292	0.12	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	CH. LAXMINARAYANA	6	2	7.45	3680	2373	236	664	118	89	1005	1.85	22	29	0.14	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	V. SANTHAIAH	8	2	7.28	2450	1580	328	368	57	54	251	1.63	19	240	0.17	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	B. SEETHAIAH	9	1	7.33	2940	1896	372	456	60	73	248	1.82	24	256	0.13	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	MUSLIM STREET	10	0	7.24	2730	1438	304	220	51	22	233	1.16	26	272	0.12	Potable			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	P. VEERAIAH	11	2	7.31	3550	2289	260	620	116	79	794	2.15	17	288	0.09	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	CHOWDAMMA TEMPLE	12	1	7.60	2790	1799	264	256	72	18	198	1.83	11	195	0.06	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	CHOWDAMMA CENTER	13	1	7.45	5250	3386	272	200	42	114	1148	2.17	29	160	0.11	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	CHOWDAMMA BAZAR	14	2	7.22	4390	2831	324	736	75	133	1130	1.88	25	172	0.14	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	K. KONDAREDDY	15	3	7.38	2540	1638	312	460	52	79	309	2.30	21	184	0.13	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	ANJANEYA TEMPLE	16	0	7.16	3010	1941	304	304	72	30	530	2.30	32	176	0.21	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	VKD BUS STOP	17	0	7.32	2270	1484	288	296	38	48	276	1.85	28	184	0.17	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	M. PUNNAIAH SC COLONY	18	0	7.16	2560	1651	312	388	70	51	347	1.46	11	196	0.15	Potable			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	ELE. SCHOOL	19	2	7.28	1887	1217	328	196	43	21	268	2.15	14	232	0.11	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	CHINAKOTAIAH	20	0	7.19	3240	2089	332	504	60	109	854	1.35	17	240	0.09	Brakish			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	CHANDRASEKHAR	21	2	7.26	3760	2425	244	692	131	88	886	1.72	32	256	0.11	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	CHOWDAIAH SC COLONY	22	0	7.15	4130	2663	284	624	110	84	976	1.25	13	192	0.21	Brakish			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	A. YELLAMANDA BC COLONY	23	1	7.22	7630	1496	436	400	60	90	368	2.19	32	180	0.14	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	C. KOTAIAH	24	2	7.16	3640	2347	304	340	73	135	553	1.92	16	240	0.21	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	C. KOTAIAH	25	4	7.19	4170	2689	316	692	86	145	864	1.75	25	232	0.19	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	RICE MILL BACK	26	3	7.28	4730	3050	292	784	172	85	1155	1.51	17	256	0.17	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	SIVALAYAM BACK	28	4	7.41	3520	2270	328	664	72	117	822	1.80	14	212	0.15	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	SIVALAYAM BAZAR	29	2	7.26	1766	1139	316	224	59	18	298	1.69	16	196	0.06	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	GANGAMMA TEMPLE	30	1	7.19	3740	2412	324	592	67	103	893	2.25	22	172	0.09	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	SC COLONY	31	2	7.11	3560	2206	284	678	81	103	893	1.22	16	189	0.13	Brakish			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	Sivalayam back	32	0	7.21	3840	3766	336	1160	106	162	1106	1.77	25	164	0.17	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	Sivalayam Bazar	33	3	7.37	3320	2141	412	700	67	129	1620	2.30	22	132	0.12	Excess Fluoride			
11-01-2024	Ipur	Muppalla	Muppalla	Bore well	B. Venkateswari (h)	34	2	7.28	2530	1631	264	732	86	28	383	2.17	40	256	0.06	Excess Fluoride			
24/7/2019	IPUR	Muppalla	Muppalla	Bore well	Chowdewari Temple	34	1	7.37	2270	1464	328	240	46	39	162	1.47	15	276	0.09	Potable			
					ELE. SCHOOL	600	0	7.92	1645	1081	224	280	12	69	295	0.87	6	152	0.03	Potable			

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S N	Date	Name of the Mandal	Name of the Panchayathi & village	Source/ Location	Source Code No	PH	E.C (uMh as/C m)	Tds (mg/lts)	T.A (as CaCO ₃)	T.H (as CaCO ₃)	Calcium (as CaCO ₃)	mg/l	Chloride (as Cl)	Fluoride (as F)	Nitrate (as NO ₃)	Sulphate (as SO ₄)	T.iron (as Fe)	Remarks
1	01.02.2024	Krosuru	Peesapadu	R&B Road Side	0710508011011200-001	7.21	3740	2431	590	790	88	138	631	2.3	21	142	0.01	Brackish
2	01.02.2024	Krosuru	Peesapadu	Krishna Murthi House	0710508011011200-002	7.2	2330	1514	520	490	72	75	397	2.1	15	112	0.05	Excess Fluoride
3	01.02.2024	Krosuru	Peesapadu	John Saide House	0710508011011200-004	7.14	1820	1183	340	460	124	36	276	2.3	32	100	0.07	Excess Fluoride
4	01.02.2024	Krosuru	Peesapadu	Yeshobu	0710508011011200-005	7.12	3040	1976	500	690	144	80	489	2.09	41	132	0.11	Excess Fluoride
5	01.02.2024	Krosuru	Peesapadu	Gp Office	0710508011011200-006	7.41	1910	1241	520	640	76	60	375	2.3	25	96	0.15	Excess Fluoride
6	01.02.2024	Krosuru	Peesapadu	Pandu House	0710508011011200-007	7.36	2260	1469	440	570	88	85	333	1.85	10	112	0.01	Excess Fluoride
7	01.02.2024	Krosuru	Peesapadu	K Ramiah House	0710508011011200-008	7.30	1530	994	430	450	56	75	270	2.1	42	120	0.09	Excess Fluoride
8	01.02.2024	Krosuru	Peesapadu	Ele School Sc	0710508011011200-011	7.60	6820	4433	820	1380	96	277	1616	2.3	38	232	0.12	Brackish
9	01.02.2024	Krosuru	Peesapadu	Bc Colony	0710508011011200-012	7.52	2490	1618	350	560	80	87	503	2.3	15	110	0.07	Excess Fluoride
10	01.02.2024	Krosuru	Peesapadu	MUSLIM COLONY	0710508011011200-013	7.17	2580	1677	310	500	124	45	290	2.3	26	116	0.05	Excess Fluoride
11	01.02.2024	Krosuru	Peesapadu	BC AREA	0710508011011200-014	7.25	1740	1131	620	460	84	60	411	2.3	11	80	0.01	Excess Fluoride
12	01.02.2024	Krosuru	Peesapadu	SK, PEDA JOHN SAIDA	0710508011011200-015	7.38	3970	2588	580	770	100	126	666	2.3	19	160	0.08	Brackish
13	01.02.2024	Krosuru	Peesapadu	MASEEDH	0710508011011200-016	7.74	4010	2606	420	830	120	128	772	2.3	32	160	0.03	Brackish
14	01.02.2024	Krosuru	Peesapadu	OPPOSITE PALA KEND	0710508011011200-017	7.22	2390	1514	290	540	64	92	389	2.3	10	128	0.05	Excess Fluoride
15	01.02.2024	Krosuru	Peesapadu	SK.ESUB	0710508011011200-018	7.36	2810	1826	320	490	108	53	347	1.91	23	116	0.09	Excess Fluoride

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S. NO	MANDAL	PANCHAYAT	HABITATION NAME	SCHEME CODE	PH 6.5 to 8.5	E.C	TDS 500 to 2000	Total Hard ness 300 to 600	Total Alkalinity 200 to 600	Chloride 250 to 1000	CALCIUM Ca++ 75-200	Fluoride 1.0 to 1.5	Sulphate 200 to 400	Nitrate < 45	Iron 0.3 to 1.0	Result	
1	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	002	7.26	999	644	140	160	28	8	1.69	18	42	0.00	F
2	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	006	7.23	1240	800	220	200	43	16	1.83	74	39	0.00	F
3	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	008	7.09	1735	1119	348	260	158	40	1.78	140	33	0.00	F
4	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	009	7.02	1794	1157	360	280	173	40	1.76	160	23	0.00	F
5	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	010	7.25	1103	711	140	160	33	8	1.87	62	18	0.00	F
6	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	011	7.07	1446	933	240	220	98	16	1.35	94	12	0.00	P
7	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	012	6.94	1778	1147	356	260	168	40	1.22	120	29	0.00	P
8	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	013	7.10	1531	987	240	264	115	16	1.60	110	22	0.00	F
9	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	014	7.09	1252	808	188	160	73	12	1.73	74	38	0.00	F
10	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	015	7.26	1097	708	160	180	65	8	1.87	56	32	0.00	F
11	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	017	7.27	1827	1178	360	280	183	48	1.92	180	8	0.00	F
12	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	018	7.51	1600	1032	318	240	142	40	2.29	140	14	0.00	F
13	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	019	7.26	932	601	120	140	28	8	1.79	42	18	0.00	F
14	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	020	7.04	1322	853	180	160	53	12	1.59	82	10	0.00	F
15	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	021	7.15	1498	966	260	220	128	24	2.12	46	40	0.00	F
16	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	022	7.30	1627	1049	318	260	148	40	1.03	54	24	0.00	P
17	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	023	7.45	2147	1385	460	340	336	48	1.66	88	26	0.00	F
18	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	025	7.48	2073	1337	440	320	284	48	2.08	82	18	0.00	F
19	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	026	7.57	2525	1629	500	360	376	56	1.52	114	22	0.00	F
20	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	027	7.71	1198	773	200	160	35	12	1.88	22	20	0.00	F
21	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	028	7.85	980	632	140	120	18	8	1.64	18	18	0.00	F
22	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	029	6.96	1728	1115	356	260	156	40	1.77	62	19	0.00	F
23	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	030	7.27	1375	887	220	200	75	16	2.02	38	22	0.00	F
24	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	031	7.34	1529	986	240	220	118	16	0.88	48	32	0.00	P
25	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	032	7.18	1010	651	120	140	28	8	1.99	18	18	0.00	F
26	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	033	7.38	1897	1224	408	300	208	48	1.85	72	20	0.00	F
27	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	036	7.62	2315	1493	468	320	294	56	1.77	110	26	0.00	F
28	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	037	7.07	2044	1318	436	300	256	48	2.08	82	19	0.00	F
29	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	038	7.13	895	577	120	140	18	8	2.12	16	30	0.00	F
30	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	040	7.19	1297	837	200	160	33	12	2.00	32	14	0.00	F
31	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	041	7.58	1394	899	220	180	48	16	0.63	38	20	0.00	P
32	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	042	7.85	1097	708	200	160	34	12	2.07	22	22	0.00	F
33	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	043	6.99	1807	1166	360	280	173	48	1.92	66	18	0.00	F
34	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	044	7.03	2295	1480	500	300	384	64	2.01	116	26	0.00	F
35	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	045	7.07	2155	1390	480	340	356	56	0.85	88	32	0.00	P
36	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	046	7.35	1857	1198	380	288	198	48	2.03	72	18	0.00	F
37	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	047	7.46	1975	1274	456	320	256	48	1.48	76	20	0.00	P
38	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	048	7.56	1200	774	200	160	74	12	1.28	28	28	0.00	P
39	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	049	7.00	1075	693	180	160	33	8	1.37	18	19	0.00	P
40	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	050	7.09	1527	985	260	240	95	24	1.02	48	24	0.00	P
41	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	051	7.14	1455	938	220	200	43	16	1.08	42	30	0.00	P
42	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	052	7.57	2200	1419	480	340	284	48	1.93	92	26	0.00	F
43	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	053	7.45	1938	1250	436	320	234	48	1.88	76	24	0.00	F
44	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	054	7.49	1695	1093	336	240	145	40	2.02	58	24	0.00	F
45	PIDUGURALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	055	7.71	998	644	140	180	28	8	1.6	18	18	0.00	F

45	PODUGALLA	THUMMALACHERUVU	THUMMALACHERUVU	0710617001010100	056	7.18	1308	844	240	220	73	16	1.75	34	19	0.00	F
47	PODUGALLA	THUMMALACHERUVU	THUMMALACHERUVU	0730617001010100	057	7.32	2475	1596	520	340	418	56	2.00	142	22	0.00	F
48	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	451	7.04	2210	1425	480	340	264	56	1.39	84	55	0.00	N
49	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	452	7.23	1936	1249	440	300	234	56	1.74	72	12	0.00	F
50	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	453	7.15	2600	1677	540	360	348	64	1.25	96	10	0.03	P
51	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	454	7.52	1379	889	208	200	68	12	0.62	34	18	0.00	P
52	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	455	7.03	2090	1348	460	320	236	48	1.86	78	33	0.00	F
53	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	456	7.27	2390	1542	548	338	318	56	1.68	84	38	0.02	F
54	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	457	7.20	3160	2038	560	400	384	64	1.13	220	42	0.05	B
55	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	458	7.38	1806	1165	360	280	164	56	1.60	64	68	0.00	F
56	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	459	7.13	1049	677	188	148	48	12	1.47	22	17	0.00	P
57	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	460	7.06	2480	1600	548	350	224	56	0.88	84	22	0.04	P
58	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	461	7.31	1421	917	220	200	83	16	1.56	42	32	0.00	F
59	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	462	7.32	2100	1355	480	340	248	48	0.69	84	16	0.00	P
60	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	463	7.05	2300	1484	520	340	328	56	0.99	92	12	0.02	P
61	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	464	7.35	1840	1187	380	280	184	48	1.24	66	84	0.00	N
62	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	465	7.70	960	619	176	200	28	12	1.58	22	10	0.00	F
63	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	466	7.39	2410	1554	540	360	348	56	1.75	94	8	0.03	F
64	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	467	7.12	2060	1329	460	320	284	48	1.78	86	20	0.00	F
65	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	468	7.59	1195	771	176	200	38	12	1.48	34	19	0.00	P
66	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	469	7.41	1230	793	236	180	45	16	1.56	32	25	0.00	F
67	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	470	7.46	1075	693	176	140	33	12	1.78	22	50	0.00	F
68	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	471	7.88	1419	915	220	200	88	16	1.32	42	8	0.00	P
69	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	472	7.07	2280	1471	500	340	348	56	1.27	88	16	0.00	P
70	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	473	7.31	1193	769	188	175	58	12	1.34	26	20	0.00	P
71	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	474	7.19	1706	1100	338	240	173	40	0.93	62	24	0.00	P
72	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	475	7.09	2160	1393	460	300	264	48	0.44	78	14	0.00	P
73	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	476	7.45	1510	974	248	220	122	16	0.60	42	65	0.00	N
74	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	477	7.08	2560	1651	560	360	384	56	1.16	92	20	0.02	P
75	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	478	7.24	1849	1193	380	300	199	48	1.26	68	14	0.00	P
76	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	479	7.22	1946	1255	456	320	227	48	1.13	72	10	0.00	P
77	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	480	7.17	1693	1092	340	240	142	40	1.26	54	25	0.00	P
78	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	481	7.26	1198	773	188	208	43	12	1.11	24	18	0.00	P
79	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	482	7.45	2150	1387	448	340	248	48	0.59	84	55	0.00	N
80	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	483	7.19	1503	969	240	220	88	16	1.37	46	12	0.00	P
81	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	484	7.74	1686	1087	340	240	138	48	1.40	54	16	0.00	P
82	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	485	7.48	1497	966	260	228	93	24	0.73	44	19	0.00	P
83	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	486	7.38	2470	1593	500	340	298	56	1.42	94	23	0.00	P
84	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	487	7.23	2800	1806	620	360	384	64	0.58	140	60	0.03	N
85	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	488	7.34	1294	835	208	188	43	12	0.69	32	14	0.00	P
86	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	489	7.38	2245	1448	460	340	284	48	0.99	84	19	0.00	P
87	MACHAVARAM	MORIAMPADU	MORIAMPADU	0710605004040800	490	7.44	1361	878	226	200	68	16	0.74	34	22	0.00	P
88	MACHAVARAM	MORIAMPADU	MORIAMPADU	0730605004040800	491	7.20	1896	1223	420	300	208	48	0.42	72	8	0.00	P

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Fluoride Contaminated Villages in Rompicherla Mandal

S.NO	DATE	Mandal	Name of the Grams Panchayat & Habitation	source location	Type of Source	Source Code	PH	EC	TDS	Total Alkalinity	Total Hardness	Ca++	Magnesium (as mg/24)	Chloride (as cl-)	Fluoride (as F-)	Nitrate (as NO3-)	Sulphate (as So4)	Total Iron (as Fe)	REMARKS
1	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	VETERINARY HOSPITAL	HP	1	8.04	1628	1042	248	256	25	29	164	1.16	31.6	54	0.02	Satisfactory
2	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	UP SCHOOL	HP	2	8.12	2840	1818	496	496	35	46	193	1.21	17.2	78	0.06	Satisfactory
3	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	MASZID	HP	3	8.4	1936	1239	224	264	25	99	224	1.14	11.6	56	0.01	Satisfactory
4	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	ALLURI BHIMUDU HOUSE	HP	4	0.21	2640	1690	496	376	22	48	295	1.08	14.8	78	0.08	Satisfactory
5	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	N.RANGAIAH HOUSE	HP	5	8.11	2210	1414	472	312	32	77	289	1.12	13.6	62	0.14	Satisfactory
6	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	SK.CHINASAHEB	HP	6	8.14	2840	1818	544	296	28	56	318	1.5	11.4	67	0.17	Satisfactory
7	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	RAMAPPA (MALAPALLI)	HP	7	8.02	2620	1677	448	472	51	54	216	1.44	17.9	97	0.21	Satisfactory
8	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	BHATTIRAJULA COLONY	HP	8	8.08	2580	1651	552	432	41	83	216	1.26	14.2	62	0.28	Satisfactory
9	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	K.JOSHI HOUSE	HP	9	7.98	2810	1798	456	488	38	79	536	1.32	24.6	74	0.17	Satisfactory
10	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	ELE SCHOOL	HP	10	7.94	2420	1549	512	560	41	95	216	1.44	15.8	65	0.15	Satisfactory
11	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	STS VADDERAS	HP	11	7.84	2240	1434	472	504	54	110	391	1.18	11.4	54	0.12	Satisfactory
12	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	MAHILAMANDALI	HP	12	8.02	1886	1207	328	304	41	89	363	0.98	10.2	26	0.09	Satisfactory
13	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	BATTARAJULA COLONY	HP	13	8.14	1972	1262	352	336	44	48	312	0.94	8.8	36	0.04	Satisfactory
14	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	RAMIREDDY HOUSE	HP	14	8.15	2680	1715	336	328	54	54	289	0.82	10.6	42	0.02	Satisfactory
15	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	ERUKALA COLONY	HP	16	7.98	2960	1894	552	528	105	47	306	1.04	11.8	14	0.06	Satisfactory
16	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	PICHIREDDY HOUSE	HP	17	8.01	2180	1395	432	512	86	64	238	1.16	24.2	48	0.01	Satisfactory
17	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	K.NAGAIAH (MALAPALLI) H.	HP	18	8.07	2310	1478	328	352	70	72	335	1.36	19.6	62	0.08	Satisfactory
18	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	ERUKALA COLONY(P.KOTES)	HP	19	7.96	1862	1192	312	288	60	43	363	1.24	24.6	87	0.11	Satisfactory
19	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	MUSLIMS(SK.KARIMULLA)	HP	20	7.98	2210	1414	376	392	60	33	159	1.18	32.8	64	0.02	Satisfactory
20	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	SK.CHINASAIDA	HP	21	7.94	1978	1266	464	456	67	58	238	1.04	22.4	78	0.07	Satisfactory
21	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	MADIGAPALLI	HP	23	7.98	1632	1044	344	288	60	70	159	1.62	32.4	52	0.21	Satisfactory
22	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	VILLAGE	HP	24	8.16	3460	2214	648	456	57	33	442	1.58	18.2	64	0.16	Brakish, Alkalinit
23	17.1.24	ROMPICHERLA	SANTHAGUDIPADU	SMASANAM	HP	25	7.96	3180	2035	544	464	57	76	431	1.42	19.6	38	0.11	Brakish
24	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	BATRAJULA COLONY	HP	26	8.14	2460	1574	536	456	73	77	391	1.36	24.2	42	0.06	Satisfactory
25	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	U.P. SCHOOL	HP	27	7.98	1932	1236	376	336	67	66	153	1.46	16.8	98	0.02	Satisfactory
26	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	NEAR CHURCH	HP	28	7.96	1814	1161	312	336	73	41	512	1.38	11.4	78	0.09	Satisfactory
27	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	N.SUBBULU HOUSE	HP	29	8.04	2240	1434	384	448	86	37	250	1.48	10.8	62	0.02	Satisfactory
28	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	YELAMANDA (H)	HP	30	7.82	2460	1574	392	400	51	56	244	1.78	7.2	87	0.06	Fluoride
29	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	VADDARES	HP	31	7.98	1784	1142	272	324	83	66	351	1.76	16.4	78	0.12	Fluoride
30	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	THURUPU BAZAR	HP	32	7.84	2480	1587	472	592	108	33	210	1.88	17.8	88	0.16	Fluoride
31	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	VADDERA BAZAAR	HP	33	7.82	2260	1446	408	544	76	77	385	1.92	24.6	97	0.17	Fluoride
32	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	VENKATARAMAIAH HOUSE	HP	34	8.11	1824	1167	312	328	73	85	512	1.86	32.8	78	0.12	Fluoride
33	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	MII K CENTER	HP	35	8.18	2080	1331	488	432	123	35	181	1.74	14.2	47	0.74	Fluoride
34	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	ST COLONY	HP	36	8.12	2510	1606	496	408	73	31	221	1.68	11.6	62	0.31	Fluoride
35	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	NEAR LIBRARY	HP	37	8.04	2240	1434	496	288	54	54	266	1.58	19.2	42	0.26	Fluoride
36	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	BURIAL GROUND	HP	38	8.06	1214	777	312	248	44	37	221	1.42	21.6	66	0.24	Satisfactory
37	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	SC COLONY	HP	39	8.12	1832	1172	304	296	41	33	193	1.36	28.8	78	0.28	Satisfactory
38	18.1.24	ROMPICHERLA	SANTHAGUDIPADU	MUSLIMS AREA	HP	41	8.14	1678	1074	328	208	54	46	204	1.48	36.2	94	0.19	Satisfactory

Fluoride Contaminated Villages in Rompicherla Mandal

S.NO	DATE	Mandal	Name of the Grama Panchayat & Habitation	source location	Type of Source	Source Code	PH	EC	TDS	Total Alkalinity	Total Hardness	CA++	Magnesium (as mg/2+)	Chloride (as cl)	Fluoride (as F-)	Nitrate (as NO3-)	Sulphate (as SO4)	Total Iron (as Fe)	REMARKS
1	19.1.24	ROMPICHERLA	ROMPICHERLA	COLONY SCHOOL BACK	HP	1	7.14	2480	1587	536	472	99	23	385	1.76	26.2	78	0.04	Fluoride
2	19.1.24	ROMPICHERLA	ROMPICHERLA	MAIN ROAD	HP	2	7.08	2210	1414	376	432	70	68	204	1.82	34.6	85	0.13	Fluoride
3	19.1.24	ROMPICHERLA	ROMPICHERLA	CHURCH	HP	3	7.02	2520	1613	312	448	57	73	221	1.96	38.8	92	0.17	Fluoride
4	19.1.24	ROMPICHERLA	ROMPICHERLA	PRESIDENT HOUSE	HP	4	7.46	2860	1830	328	376	70	48	187	1.68	19.8	98	0.22	Fluoride
5	19.1.24	ROMPICHERLA	ROMPICHERLA	RAJAKAS STREET	HP	5	7.18	2480	1587	448	272	67	25	181	1.5	24.6	19	0.14	Satisfactory
6	19.1.24	ROMPICHERLA	ROMPICHERLA	NEW HOUSING COLONY	HP	6	7.22	1936	1239	288	288	57	35	238	1.96	31.4	22	0.18	Fluoride
7	19.1.24	ROMPICHERLA	ROMPICHERLA	NEW HOUSING COLONY	HP	7	7.48	2180	1395	368	336	70	38	317	1.84	26.8	34	0.29	Fluoride
8	19.1.24	ROMPICHERLA	ROMPICHERLA	MRO OFFICE	HP	8	7.32	2810	1798	552	344	44	56	295	1.42	21.4	46	0.31	Satisfactory
9	19.1.24	ROMPICHERLA	ROMPICHERLA	BUS STOP	HP	9	7.34	2420	1549	336	336	57	46	318	1.18	17.8	52	0.28	Satisfactory
10	19.1.24	ROMPICHERLA	ROMPICHERLA	COLONY SCHOOL BACK	HP	10	7.26	2610	1670	456	304	54	41	216	1.48	24.6	68	0.26	Satisfactory
11	19.1.24	ROMPICHERLA	ROMPICHERLA	DASULA BAZAR	HP	11	7.18	2960	1894	344	392	67	54	221	1.34	12.8	72	0.19	Satisfactory
12	19.1.24	ROMPICHERLA	ROMPICHERLA	HIGH SCHOOL	HP	12	7.24	2740	1754	276	464	83	62	408	1.26	32.8	86	0.12	Satisfactory
13	19.1.24	ROMPICHERLA	ROMPICHERLA	COLONY SCHOOL EAST	HP	13	7.26	2180	1395	288	528	67	87	289	1.18	28.6	92	0.14	Satisfactory
14	19.1.24	ROMPICHERLA	ROMPICHERLA	COLONY SCHOOL WEST	HP	14	7.18	2460	1574	344	400	86	45	176	1.12	16.4	68	0.17	Satisfactory
15	19.1.24	ROMPICHERLA	ROMPICHERLA	COLONY	HP	15	7.12	1982	1268	296	208	51	19	164	1.08	24.8	76	0.26	Satisfactory
16	19.1.24	ROMPICHERLA	ROMPICHERLA	POLICE STATION	HP	16	7.06	2180	1395	456	336	44	54	176	1.36	34.6	54	0.28	Satisfactory
17	19.1.24	ROMPICHERLA	ROMPICHERLA	NEAR MDO OFFICE	HP	17	7.12	1836	1175	336	288	57	34	204	1.42	42.8	48	0.24	Satisfactory
18	19.1.24	ROMPICHERLA	ROMPICHERLA	BODDURAI	HP	18	7.16	1668	1068	272	256	54	29	221	1.5	27.4	44	0.19	Satisfactory
19	19.1.24	ROMPICHERLA	ROMPICHERLA	MADIGAPALLI	HP	19	8.12	1472	942	256	288	60	33	164	1.68	16.2	42	0.31	Fluoride
20	19.1.24	ROMPICHERLA	ROMPICHERLA	NEAR BRIDGE	HP	21	8.08	1126	721	288	224	70	12	471	1.92	11.6	36	0.26	Fluoride
21	19.1.24	ROMPICHERLA	ROMPICHERLA	COLONY BRIDGE LAST	HP	22	8.02	3010	1926	504	496	44	93	323	1.08	42.6	21	0.08	Satisfactory
22	19.1.24	ROMPICHERLA	ROMPICHERLA	GP OFFICE	HP	23	8.14	2610	1670	344	440	76	62	238	1.14	44.2	65	0.04	Satisfactory
23	19.1.24	ROMPICHERLA	ROMPICHERLA	TOOGATLA BAZAR	HP	24	8.21	2860	1830	472	584	67	101	408	1.28	28.6	74	0.12	Satisfactory
24	19.1.24	ROMPICHERLA	ROMPICHERLA	VILLAGE	HP	25	8.06	2140	1370	352	488	64	79	289	1.34	16.8	54	0.17	Satisfactory
25	19.1.24	ROMPICHERLA	ROMPICHERLA	VILLAGE	HP	26	8.12	1734	1110	240	272	54	33	233	1.12	11.6	62	0.24	Satisfactory
26	19.1.24	ROMPICHERLA	ROMPICHERLA	BARRIAL GROUND	HP	27	8.02	1862	1192	240	264	83	13	216	1.08	18.2	78	0.32	Satisfactory
27	19.1.24	ROMPICHERLA	ROMPICHERLA	K.KOTIREDDY	HP	28	8.06	1176	753	304	288	70	27	181	1.28	24.6	42	0.28	Satisfactory
28	19.1.24	ROMPICHERLA	ROMPICHERLA	P.LINGAESWARARAO	HP	29	8.11	1928	1234	264	328	51	48	193	1.32	17.8	68	0.16	Satisfactory
29	19.1.24	ROMPICHERLA	ROMPICHERLA	SK. AMMED SAHEB	HP	30	8.08	2240	1434	504	336	57	46	221	1.44	22.6	74	0.12	Satisfactory
30	20.1.24	ROMPICHERLA	ROMPICHERLA	RAJULA HOUSES	HP	31	7.32	2680	1715	344	472	60	77	232	1.22	14.2	87	0.04	Satisfactory
31	20.1.24	ROMPICHERLA	ROMPICHERLA	DASULA BAZAAR	HP	32	7.16	2860	1830	456	336	73	37	216	1.38	28.4	98	0.08	Satisfactory
32	20.1.24	ROMPICHERLA	ROMPICHERLA	BUS STOP	HP	33	7.14	2120	1357	304	528	92	72	176	1.96	18.8	65	0.19	Fluoride
33	20.1.24	ROMPICHERLA	ROMPICHERLA	MRO OFFICE	HP	34	8.12	1856	1188	328	296	67	31	136	1.72	11.8	47	0.12	Fluoride
34	20.1.24	ROMPICHERLA	ROMPICHERLA	MPES(ST)	HP	35	8.08	3010	1926	616	536	92	73	244	1.86	24.6	62	0.16	Fluoride, Alkalinity
35	20.1.24	ROMPICHERLA	ROMPICHERLA	MPES(BC)	HP	36	8.16	3640	2330	688	472	73	69	357	1.78	32.8	36	0.24	Alkalinity
36	20.1.24	ROMPICHERLA	ROMPICHERLA	VETERINARY HOSPITAL	HP	37	8.11	3120	1997	696	532	76	87	357	1.92	42.8	48	0.28	Alkalinity
37	20.1.24	ROMPICHERLA	ROMPICHERLA	RICEMILL	HP	38	8.04	2810	1798	544	568	115	68	210	1.88	24.6	62	0.16	Fluoride
38	20.1.24	ROMPICHERLA	ROMPICHERLA	MPES	HP	39	8.02	2670	1709	424	496	86	68	175	1.68	28.8	74	0.26	Fluoride

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Date	Mandal	NAME OF THE GRAM PANCHAYAT	NAME OF THE HABITATION	TYPE OF SOURCE	SOURCE LOCATION	Source Code No.	Chemical substances results expressed in mg/Lit							Magnesium (as mg 2)	Chloride (as ca)	Fluoride (as F)	Nitrate (as NO ₃)	Sulphate (as SO ₄)	Total iron (as Fe)	REMARKS
							TURBIDITY (NTU)	PH	E.C (UMHOS/C M)	TDS (MG/LTS)	Total Alkalinity (as CaCO ₃)	Total Hardness (as CaCO ₃)	CALCIUM (as ca2)							
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Bus Stop	1	1	7.17	5440	3508	316	588	94	183	1184	2.15	16	260	0.10	Brakish
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Verikaleah	5	3	7.45	1975	1273	256	248	111	7	181	2.11	18	320	0.25	Flouride
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Village	6	2	7.19	8590	5540	415	936	93	171	1680	1.37	26	248	0.37	Brakish
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Colony 1	1	1	7.67	4520	2815	583	820	81	157	893	1.86	18	320	0.11	Brakish
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Colony 2	2	0	7.44	4550	2960	295	658	83	109	794	2.13	20	320	0.1	Brakish
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	School	3	2	7.82	2030	1909	136	215	18	41	198	1.85	23	172	0.08	Flouride
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Church	4	2	7.85	1672	1678	286	284	25	51	191	1.88	15	124	0.05	Flouride
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Peddy Reddy	5	1	7.23	2740	1767	328	540	21	118	304	2.19	25	240	0.1	Flouride
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	P Subbarao	6	0	7.16	6150	3966	208	528	88	141	650	2.05	21	320	0.13	Brakish
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	K Jayarao	7	2	7.43	1935	1248	298	172	24	27	255	2.17	28	164	0.17	Flouride
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Yegalah	8	1	7.29	4850	3134	360	920	56	180	1184	2.07	29	320	0.15	Brakish
30-01-2024	Vinukonda	G G Palem	G G Palem	Bore well	Last Bazar	9	1	7.36	2570	1722	352	328	83	29	389	2.13	28	232	0.1	Flouride
30-01-2024	Vinukonda	G G Palem	G G Palem	PWS	Konkeru Vagu	600	0	7.83	872	582	240	228	14	47	228	0.87	6	124	0.04	Potable

M. Lakshmanada
Lab. chemist
vinukonda lab

[Signature]
District Consultant (WQ.)
DWSC, GUNTUR.

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Rural Water Supply & Sanitation Dept. A.P.
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RURAL WATER SUPPLY & SANITATION DEPARTMENT
Report on Chemical Analysis of Water (Drinking)

Name of the District:- Bapatla

Name of the water Testing Laboratory :- I.W.Q.M Laboratory, PARCHUR

Received From:- Field Assistant

Date of Received:- 03/02/2024

S No.	Name of the Mandal	Name of the village	Name of the Habitation	Source code/Location	Type of Source	Fluoride as F--
1	Karamchedu	Daggubadu	Daggubadu	Near Head works	PWS	0.90
2	Karamchedu	Daggubadu	Daggubadu	Village entrance	Open well	1.02

[Signature] 3/2/24
 Assistant Executive Engineer
 RWS&S Parchur Mandal

[Signature] 3/2/24
 Chemist
 I.W.Q.M Lab
 Bapatla

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 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P
 VIJAYAWADA

S.No	Name of the Lab	Name of the Mandal	Name of the G.P.	Name of the Village	Name of the Habitation	Name/Location of the Scheme (DP/PWS/MPWS)	Type of Scheme	Nature of the source (surface /Deep tube well)	Flouride (as F) 0.5 - 1.5 mg/L	R
1										
4					VELGALAPAYA	bavi near				
5					VELGALAPAYA	Bommaligam Road side Vagu	PWS	Deep tube well	1.08	S
6					VELGALAPAYA	venkatapathi house	MPWS	Deep tube well	0.55	S
7					VELGALAPAYA	SACHIVALAYAMU	DP	Deep tube well	1.01	S
9					VELGALAPAYA	panchajathi office	DP	Deep tube well	0.98	S
10					VELGALAPAYA	cherch near	DP	Deep tube well	0.74	S
13					VELGALAPAYA	MPPS SCHOOL	DP	Deep tube well	0.95	S
14					VELGALAPAYA	hanjana bavi	DP	Deep tube well	0.98	S
15					ANKIREDDYPALLI	Yara paddaya house	DP	Deep tube well	0.61	S
16					ANKIREDDYPALLI	Urabavi near	DP	Deep tube well	1.05	S
20					ANKIREDDYPALLI	Sc palam M padhamavathi house	DP	Deep tube well	1.09	S
21					ANKIREDDYPALLI	Onar near	PWS	Deep tube well	1.27	S
22					MUNDLAPADU	ZPHS School opp	OHSR	Deep tube well	0.38	S
23					MUNDLAPADU	ZPHS School	MPWS	Deep tube well	0.74	S
24					MUNDLAPADU	Radham	MPWS	Deep tube well	0.82	S
25					MUNDLAPADU	Simasanam	PWS	Deep tube well	0.68	S
26					MUNDLAPADU	Sivalayam back side	PWS	Deep tube well	0.47	S
27					MUNDLAPADU	Burujupali Road Vanka	MPWS	Deep tube well	0.82	S
28					MUNDLAPADU	Chennakesava temple	MPWS	Deep tube well	0.98	S
29					MUNDLAPADU	Puli subbarayudu house	PWS	Deep tube well	0.75	S
30					MUNDLAPADU	Chalam bavi	MPWS	Deep tube well	0.96	S
31					MUNDLAPADU	Kappalaguntha	MPWS	Deep tube well	0.48	S
32					MUNDLAPADU	Singri presad	MPWS	Deep tube well	0.79	S
33					MUNDLAPADU	rajaka bazer	MPWS	Deep tube well	0.86	S
34					MUNDLAPADU	ankaramma temple	MPWS	Deep tube well	0.41	S
35					MUNDLAPADU	Sivalayam	DP	Deep tube well	0.25	S
36					MUNDLAPADU	Ramaswami temple	DP	Deep tube well	0.65	S
37					MUNDLAPADU	Pedda bavi	DP	Deep tube well	1.05	S
38					MUNDLAPADU	Valmiki Nagar	DP	Deep tube well	0.56	S
39					MUNDLAPADU	Near Cheruvu MPPS	DP	Deep tube well	1.4	S
					MUNDLAPADU	near mpps	DP	Deep tube well	0.54	S
					MUNDLAPADU	Veterinary hospital	MPWS	Deep tube well	0.95	S
							MPWS	Deep tube well	0.41	S

L. Anusha 06/2/24
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 RWS & S SECTION, GIDDALUR

K. Anusha
 Chemist
 RWS Laboratory,
 Giddalur

Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P.

Sl.No.	Name of the Mandal	Name of the Village	Name of the Habitation	Name of the Location	Type of Source	Fluoride Value
1	2	3	4	5	6	7
1	H.M.Padu	Thimmareddypalli	Thimmareddypalli	S.C.Palem Field	PWS	1.24
2	H.M.Padu	Thimmareddypalli	Thimmareddypalli	VILLAGE	CPWS	0.6
3	H.M.Padu	Thimmareddypalli	Thimmareddypalli	Near Post Office	MPWS	1.4
4	H.M.Padu	Thimmareddypalli	Thimmareddypalli	Narayana Reddy House	HP	1.8
5	H.M.Padu	Thimmareddypalli	Thimmareddypalli	SBI	HP	1.64
6	H.M.Padu	Thimmareddypalli	Thimmareddypalli	Village Center	HP	2.2
7	H.M.Padu	Nandhanavanam	Nandhanavanam	VILLAGE	CPWS	0.6
8	H.M.Padu	Nandhanavanam	Nandhanavanam	VILLAGE	DP	1.32
9	H.M.Padu	Nandhanavanam	Nandhanavanam	MUSLIM STREET	HP	1.94
10	H.M.Padu	Nandhanavanam	Nandhanavanam	RAJAKA STREET	HP	2.0
11	H.M.Padu	Nandhanavanam	Nandhanavanam	TALLAVARI PALLI	HP	1.72
12	H.M.Padu	SEETHARAMPURAM	SEETHARAMPURAM	VILLAGE	CPWS	0.54
13	H.M.Padu	SEETHARAMPURAM	SEETHARAMPURAM	KASINAYANA TEMPLE	HP	1.38
14	H.M.Padu	SEETHARAMPURAM	SEETHARAMPURAM	GOPAIAH HOUSE	HP	1.9
15	H.M.Padu	SEETHARAMPURAM	SEETHARAMPURAM	H/WADA	HP	2.1

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 Assistant Engineer
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 KANIGIRI

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 V. JAYAWADA

IWQM Laboratory, RWS&S Sub - Division, Darsi

S.No.	Name of the Lab	Name of the Mandal	Name of the G.P.	Name of the Village	Name of the Habitation	Name/Location of the Scheme (OP/PWS/MPWS)	Type of Scheme	Nature of the source (surface/Deep tube well)	Fluoride (as F) 0.5 - 1.5 mg/L	Remarks
1										
2					P. VENKATAPURAM	KONDANAH HOUSE	BW	Deep tube well	1.50	SAFE
3					P. VENKATAPURAM	MIDDLE X PALEM	BW	Deep tube well	1.50	SAFE
4			P. VENKATAPURAM	P. VENKATAPURAM	P. VENKATAPURAM	M.P.P. SCHOOL (S.C.)	BW	Deep tube well	1.20	SAFE
5					P. VENKATAPURAM	HARIJANPALEM (S.C.)	BW	Deep tube well	2.20	UNSAFE
6					P. VENKATAPURAM	NEAR RAMALAYAM TEMPLE P. VENKATAPURAM	BW	Deep tube well	1.30	SAFE
7					RUDRASAMUDRAM	M.P. ELE. SCHOOL (S.C.)	BW	Deep tube well	1.70	UNSAFE
8					RUDRASAMUDRAM	X PALEM	BW	Deep tube well	1.50	SAFE
9					RUDRASAMUDRAM	YOGANAH HOUSE	BW	Deep tube well	1.30	SAFE
10			RUDRASAMUDRAM	RUDRASAMUDRAM	RUDRASAMUDRAM	X PALEM BUS STAND	BW	Deep tube well	1.40	SAFE
11					RUDRASAMUDRAM	KOTAMASU X PALEM	BW	Deep tube well	1.50	SAFE
12					RUDRASAMUDRAM	PADAMATA WDI	BW	Deep tube well	1.70	UNSAFE
13					RUDRASAMUDRAM	MPP SCHOOL R&B ROAD SIDE RUDRASAMUDRAM	BW	Deep tube well	1.30	SAFE
14					U.M. PURAM	M.P. ELE. SCHOOL (MAIN)	BW	Deep tube well	1.60	UNSAFE
15					U.M. PURAM	SHALAYAM TEMPLE	BW	Deep tube well	1.20	SAFE
16					U.M. PURAM	M.P. ELE. SCHOOL NORTH SIDE	BW	Deep tube well	1.40	SAFE
17					U.M. PURAM	JANGANNADI SCHOOL D.C-II	BW	Deep tube well	1.30	SAFE
18					U.M. PURAM	ANJANEYA SWAMY TEMPLE	BW	Deep tube well	1.50	UNSAFE
19					U.M. PURAM	G VENKATESWARLU HOUSE	BW	Deep tube well	1.90	UNSAFE
20					U.M. PURAM	N VENKATESWARLU HOUSE	BW	Deep tube well	1.40	SAFE
21					U.M. PURAM	OPP POWER STATION U.M. PURAM	BW	Deep tube well	1.50	SAFE
22					U.M. PURAM	Y ROSANAH HOUSE	BW	Deep tube well	1.40	SAFE
23					U.M. PURAM	E SUBBULU	BW	Deep tube well	1.30	SAFE
24					VENGAYAPALEM	G DANANAH HOUSE	BW	Deep tube well	2.00	UNSAFE
25					VENGAYAPALEM	BHRAMANGARI NATAM	BW	Deep tube well	1.20	SAFE
26					VENGAYAPALEM	G.I.S.R (CPWS)	CPWS	Surface	0.50	SAFE
					VENGAYAPALEM	VENGAYAPALEM	BW	Deep tube well	1.00	SAFE

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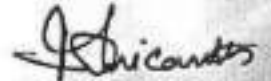
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V. M. N. A. A.

S.No	District	Mandal	Village/Locatin	Type of Well	Date of sample Receive	Date of Test Result	F (> 1.5 mg/ l)
1	Prakasam	Podili	Uhnaguruvayapalem	CPWS	1/30/2024	1/31/2024	0.80
				HP	1/30/2024	1/31/2024	1.15
				HP	1/30/2024	1/31/2024	1.2
				HP	1/30/2024	1/31/2024	1.39
2	Prakasam	Podili	Uppalapadu	HP	1/30/2024	1/31/2024	1.42
				HP	1/30/2024	1/31/2024	1.36
				PWS	1/30/2024	1/31/2024	1.34
				PWS	1/30/2024	1/31/2024	1.19
3	Prakasam	Podili	Katurivaripalem	CPWS	1/30/2024	1/31/2024	0.92
				HP	1/30/2024	1/31/2024	1.39
				HP	1/30/2024	1/31/2024	1.45
				PWS	1/30/2024	1/31/2024	1.17
				PWS	1/30/2024	1/31/2024	1.29
				PWS	1/30/2024	1/31/2024	1.42

4	Prakasam	Konnakanamitta	Chowinpalil	PWS	1/30/2024	1/31/2024	1.36
				HP	1/30/2024	1/31/2024	1.5
				HP	1/30/2024	1/31/2024	1.48
5	Prakasam	Tarlupadu	Thummalachoruva	CPWS	1/30/2024	1/31/2024	0.85
				PWS	1/30/2024	1/31/2024	1.41
				HP	1/30/2024	1/31/2024	1.38
				HP	1/30/2024	1/31/2024	1.4
				PWS	1/30/2024	1/31/2024	1.09
6	Prakasam	Markapur	Gajjalakonda	CPWS	1/30/2024	1/31/2024	1.01
				DB	1/30/2024	1/31/2024	1.42
				HP	1/30/2024	1/31/2024	1.36
				HP	1/30/2024	1/31/2024	1.41
				HP	1/30/2024	1/31/2024	1.47
				PWS	1/30/2024	1/31/2024	1.29


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 Podili.


 6/2/24.
 Assistant Executive Engineer
 RWS & S Section, Podili Mandal
 Prakasam Dist. (A.P.)

S KONDA LABFLUORIDE CONTAMINATION VILLAGES REPORT

S.NO	NAME OF THE MANDAL	NAME OF THE G.P	VILLAGE	HABITATION	VILLAGE/LOCATION	NAME OF THE SOURCE	FLUORIDE (as F) 05-1.5 mg/l	REMARKS
1	KONDAPI	KONDAPI	KONDAPI	KONDAPI	KONDAPI	PWS	1.2	SAFE
2	KONDAPI	KONDAPI	KONDAPI	KONDAPI	IN HABITATION	PWS	0.66	SAFE
3	KONDAPI	KONDAPI	KONDAPI	KONDAPI	IN HABITATION	PWS	0.76	SAFE
4	KONDAPI	KONDAPI	KONDAPI	KONDAPI	MI TANK	PWS	0.69	SAFE
5	KONDAPI	KONDAPI	KONDAPI	KONDAPI	HEAD WORKS	CPWS	0.58	SAFE
6	KONDAPI	KONDAPI	KONDAPI	KONDAPI	MI TANK	PWS	0.88	SAFE
7	KONDAPI	KONDAPI	KONDAPI	KONDAPI	MI TANK	PWS	0.66	SAFE
8	KONDAPI	KONDAPI	KONDAPI	KONDAPI	MI TANK	PWS	0.74	SAFE
9	KONDAPI	KONDAPI	KONDAPI	KONDAPI	MUSI RIVER	PWS	0.68	SAFE
10	KONDAPI	KONDAPI	KONDAPI	KONDAPI	MUSI RIVER	PWS	0.77	SAFE
11	KONDAPI	KONDAPI	KONDAPI	KONDAPI	MUSI RIVER	PWS	0.75	SAFE
12	KONDAPI	KONDAPI	KONDAPI	KONDAPI	NEAR BUSTAND	PWS	0.69	SAFE
13	KONDAPI	KONDAPI	KONDAPI	KONDAPI	NEAR MI TANK	PWS	0.79	SAFE
14	KONDAPI	KONDAPI	KONDAPI	KONDAPI	NOT UPDATED	PWS	0.84	SAFE
15	KONDAPI	KONDAPI	KONDAPI	KONDAPI	ELE SUB STATION	PWS	0.72	SAFE
16	KONDAPI	KONDAPI	KONDAPI	KONDAPI	KONDAPI	PWS	0.64	SAFE
17	KONDAPI	KONDAPI	KONDAPI	KONDAPI	KONDAPI	PWS	0.73	SAFE
18	KONDAPI	KONDAPI	KONDAPI	KONDAPI	MUSI RIVER	PWS	0.72	SAFE
19	KONDAPI	KONDAPI	KONDAPI	KONDAPI	ST COLONY	PWS	0.64	SAFE
20	MARRIPUDI	JUVVIGUNTA	JUVVIGUNTA	JUVVIGUNTA	JUVVIGUNTA	PWS	0.99	SAFE
21	PONNALURU	MALAPADU	MALAPADU	MALAPADU	MALAPADU	PWS	1	SAFE
22	PONNALURU	MALAPADU	MALAPADU	MALAPADU	NOT UP DATED	PWS	0.99	SAFE
23	PONNALURU	MALAPADU	MALAPADU	MALAPADU	VILLAGE/LOCATION	PWS	0.87	SAFE
24	PONNALURU	MALAPADU	MALAPADU	MALAPADU	VILLAGE/LOCATION	PWS	0.83	SAFE

25	PONNALURU	VENKUPALEM	VENKUPALEM	VENKUPALEM	NEAR VENKUPALEM	PWS	1.1	SAFE
26	PONNALURU	VENKUPALEM	VENKUPALEM	VENKUPALEM	PALERU	PWS	0.78	SAFE
27	PONNALURU	VENKUPALEM	VENKUPALEM	VENKUPALEM	PALERU	PWS	0.67	SAFE
28	PONNALURU	VENKUPALEM	VENKUPALEM	VENKUPALEM	SC COLONY	PWS	0.72	SAFE
29	PONNALURU	VENKUPALEM	VENKUPALEM	VENKUPALEM	PALERU RIVER	PWS	0.69	SAFE

P. N. Reddy 6/2/2024
 ASSISTANT ENGINEER RWS&S
 SECTION . KONDAPI

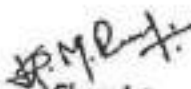
K. Sailaja
 CHEMIST IWQM LABORATORY S KONDAPI

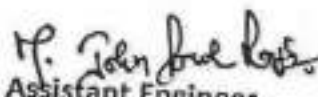
(Signature)
 Asst. Chemist

State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P
 VIJAYAWADA

Pamur@Kanigiri Laboratory - II
Fluoride Test Reports

S.No	Name of the Mandal	Name of the Village	Name of the Habitation	Name of the Location	Type of source	Fluoride Range
1	P.C.PALLI	Guntupalli	Guntupalli	Chavidi	H.P	1.62
2	P.C.PALLI	Guntupalli	Guntupalli	Anganwadi	H.P	1.3
3	P.C.PALLI	Guntupalli	Guntupalli	MPES	MVS	1.41
4	P.C.PALLI	Guntupalli	Guntupalli	Village	H.P	1.58
5	P.C.PALLI	Guntupalli	Guntupalli	Chavidi	PWS	1.28
6	P.C.PALLI	Guntupalli	Guntupalli	Rajakas	H.P	1.61
7	P.C.PALLI	Guntupalli	Guntupalli	Village	PWS	0.97
8	P.C.PALLI	Guntupalli	Guntupalli	SC Colony	H.P	1.73
9	P.C.PALLI	Guntupalli	Guntupalli	Guntupalli	PWS	0.7
10	P.C.PALLI	Guntupalli	Guntupalli	H.Wada	D.P	1.65
11	P.C.PALLI	Guntupalli	Guntupalli	X.Palem	D.P	1.7
12	P.C.PALLI	Guntupalli	Guntupalli	Main Village	H.P	1.69
13	P.C.PALLI	Guntupalli	Guntupalli	Busstand	H.P	1.54
14	P.C.PALLI	Guntupalli	Guntupalli	ZPHS	MVS	1.38


 Chemist
 Pamur@Kanigiri lab-II


 Assistant Engineer,
 I/C Pamur@Kanigiri lab-II


 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P
 VIJAYAWADA

Sl.No.	Name of the Mandal	Name of the GP	Name of the Habitation	Name of the Location	Type of Source	Fluoride Value
1	2	3	4	5	6	7
1	Tripuranthakam	G.Ummadivaram	G.Ummadivaram	Beside KG Road	PWS	1.24
2	Tripuranthakam	G.Ummadivaram	G.Ummadivaram	Ramalayam	MPWS	0.6
3	Tripuranthakam	G.Ummadivaram	G.Ummadivaram	SC Palem	HP	1.5
4	Tripuranthakam	G.Ummadivaram	G.Ummadivaram	Dasari colony	HP	1.5
5	Tripuranthakam	G.Ummadivaram	G.Ummadivaram	Near Church	HP	1.5
6	Tripuranthakam	Dupadu	Dupadu	Village	CPWS	0.6
7	Tripuranthakam	Dupadu	Dupadu	Panchayath Office	MPWS	1.4
8	Tripuranthakam	Dupadu	Dupadu	Muslim Bazar	MPWS	1.32
9	Tripuranthakam	Dupadu	Dupadu	ZPHS School	DBW	1.5
10	Tripuranthakam	Dupadu	Dupadu	Mpes school	DBW	1.44

[Signature]
 Assistant Executive Engineer
 RWS&S Section, Y.Palem

[Signature]
 LAB CHEMIST 6/02/24.
 WQM SUB-DIVISION LABORATORY
 Y.Palem

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 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P
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S.No.	Name of the Mandal	Name of the G.P.	Name/Location of the Scheme (HP/DP/PWS/MPWS)		Nature of the source (surface /Deep tube well)	Flouride (as F) 0.5 - 1.5 mg/L)	whether used for supply of Driniking water
1	2	3	4		5	6	7
1	B.PETA	P. VENKATAPURAM	SC PALAME	DP	Deep tube well	1.31	YES
2	B.PETA	P. VENKATAPURAM	NEAR CHERCH	DP	Deep tube well	0.64	YES
3	B.PETA	P. VENKATAPURAM	MPS SCHOOL	DP	Deep tube well	0.48	YES
4	B.PETA	P. VENKATAPURAM	SIVALAYAM	MPWS	Deep tube well	1.05	YES
5	B.PETA	P. VENKATAPURAM	POLERAMMA TEMPLE	DP	Deep tube well	0.98	YES
6	B.PETA	P. VENKATAPURAM	HIGH SCHOOL	DP	Deep tube well	0.74	YES
7	B.PETA	P. VENKATAPURAM	SC PALME 2	DP	Deep tube well	1.11	YES

J. Nagar
CHEMIST
IWQM LABORATORY
GIDDALUR

L. Anushe 6/3/2
re / *Per* / *9 dls*

[Signature]
Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

Sources showing Fluoride more than permissible limits in Nagulavellaturu & Billupadu										
S.No	DATE OF COLLECTION	DATE OF TEST	MANDAL	GRAM PANCHAYATI	HABITATION	TYPE OF SOURCE	SOURCE CODE	LOCATION	FLUORIDE [Mg/Ltr]	REMARKS
1	01-02-2024	01-02-2024	CHEJARLA	NAGULAVELLATURU	NAGULAVELLATURU	PWS [OHSR]	181282001601210060005001	NAGULAVELLATURU	0.15 Mg/Ltr	
2	01-02-2024	01-02-2024	CHEJARLA	NAGULAVELLATURU	NAGULAVELLATURU	HANDPUMP	1812820016012100018HP019	H/W CHINNAIAH	1.07	SAFE
3	01-02-2024	01-02-2024	CHEJARLA	NAGULAVELLATURU	NAGULAVELLATURU	HANDPUMP	1812820016012100021HP001	PADAMATI VEEDI	1.13	SAFE
4	01-02-2024	01-02-2024	CHEJARLA	NAGULAVELLATURU	NAGULAVELLATURU	HANDPUMP	1812820016012100021HP001	PADAMATI VEEDI	1.54	UN SAFE
5	01-02-2024	01-02-2024	CHEJARLA	NAGULAVELLATURU	NAGULAVELLATURU	DIRECT PUMPING	181282001601210045150001	NEAR MI TANK	0.91	SAFE
6	01-02-2024	01-02-2024	CHEJARLA	NAGULAVELLATURU	NAGULAVELLATURU	PWS	181282001601210060005001	NAGULAVELLATURU	1.41	SAFE
7	01-02-2024	01-02-2024	CHEJARLA	NAGULAVELLATURU	NAGULAVELLATURU	HANDPUMP	1812820016012100022HP001	ZPHS	1.89	UN SAFE
8	01-02-2024	01-02-2024	CHEJARLA	NAGULAVELLATURU	NAGULAVELLATURU	HANDPUMP	1812820016012100001HP014	MAIN ROAD	0.93	SAFE
9	01-02-2024	01-02-2024	CHEJARLA	BILLUPADU	BILLUPADU	DIRECT PUMPING	182342000101260045150001	SC COLONY	0.80	SAFE
10	01-02-2024	01-02-2024	CHEJARLA	BILLUPADU	BILLUPADU	HANDPUMP	1823420001012600005HP004	NEAR TEMPLE	1.43	SAFE
11	01-02-2024	01-02-2024	CHEJARLA	BILLUPADU	BILLUPADU	HANDPUMP	1823420001012600007HP001	NRLMPUP SCHOOL	1.74	UN SAFE
12	01-02-2024	01-02-2024	CHEJARLA	KALAYAPALEM	KALAYAPALEM	MPWS	1812820015012100400050001	VILLAGE	1.30	SAFE
			CHEJARLA	KALAYAPALEM	KALAYAPALEM	HANDPUMP	1812820015012100005HP001	SCT COLONY	0.92	SAFE

[Signature]
Lab Chemist Podalakur Sub Divisional
Laboratory

[Signature] 1/2/24
Lab Incharge Assistant Engineer RWS&S Dept
Podalakur Mandal

[Signature] 01/02/24
Deputy Executive Engineer
RWS Sub-Division, Nellore-7.
01-02-2024

[Signature]
Asst. Chemist
State Level Water Testing Laboratory
Kural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

GOVERNMENT OF ANDHRA PRADESH
RURAL WATER SUPPLY & SANITATION DEPARTMENT
WATER QUALITY MONITORING LABORATORY, TIRUPATI.

Sample Received from : Deputy Executive Engineer, RWS & S, Chandragiri - II

Mandal: Pakala

Date of Sample collection : 03.02.2024

REPORT ON CHEMICAL ANALYSIS OF WATER (DRINKING)

S.No	Date of Collection	Mandal	Gram Panchayat		Location	Source	Chemical Analysis mg/lit.								Remarks
				Habitalon			PH 6.5 - 8.5	E.C. 2000	T.D.S 500-2000	Alkalinity 200-600	Hardness 300-600	Chloride 250-1000	Fluoride 1.0-1.5	Nitrate 45	
1	2	3	4	5	5		7	8	9	10	11	13	14	15	18
1	03.02.2024	Pakala	Vallivedu	Chandragirivaripalli ST Colony	Cultivation	DP	7.07	1630	1060	500	220	156	0.75	12.3	Chemically Satisfactory
2	03.02.2024	Pakala	Vallivedu	Chandragirivaripalli	Gutta	GLSR	7.38	1575	1024	480	400	128	0.51	10.4	Chemically Satisfactory
3	03.02.2024	Pakala	Vallivedu	Vallivedu	Ananda Reddy House	DP	7.46	1730	1125	500	350	156	0.70	11.8	Chemically Satisfactory
4	03.02.2024	Pakala	Vallivedu	Vallivedu	Near OHSR	DP	7.07	1770	1151	400	300	177	0.50	14.2	Chemically Satisfactory

[Signature]
05/02/2024
Deputy Executive Engineer,
RWS & S, Chandragiri - 1
Tirupati

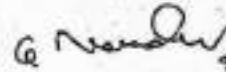
[Signature]
05/02/24
Assistant Executive Engineer,
RWS & S, Chandragiri-1
Tirupati

[Signature]
05/02/24
Assistant Chemist
Tirupati

[Signature]
Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

S.No	District	Mandal	Gramapanchayat	Habitation	Type of source	Source Code	Location	Test Conducted Date	Fluoride as F (in mg/lit.) 1.0-1.5	Remarks
1	Tirupati	Chittamuru	Aravapaleam	Aravapaleam	MPWS	400S0001	village	31.01.24	0.18	Chemically Satisfactory
2	Tirupati	Chittamuru	Aravapaleam	Aravapaleam	PWS	600S0001	village	31.01.24	0.40	Chemically Satisfactory
3	Tirupati	Chittamuru	Aravapaleam	Aravapaleam	PWS	600S0001	village	31.01.24	0.34	Chemically Satisfactory
5	Tirupati	Chittamuru	Aravapaleam	Aravapaleam	HP	010HP006	Temple New Pump	31.01.24	1.37	Chemically Satisfactory
6	Tirupati	Chittamuru	Aravapaleam	Aravapaleam	HP	003HP007	ZPPH school	31.01.24	0.25	Chemically Satisfactory
7	Tirupati	Chittamuru	Aravapaleam	Bayyavari kandriga	PWS	600S0001	VILLAGE	31.01.24	0.15	Chemically Satisfactory
8	Tirupati	Chittamuru	Aravapaleam	Bayyavari kandriga	MPWS	400S0001	Gunna gunta	31.01.24	1.00	Chemically Satisfactory
9	Tirupati	Chittamuru	Aravapaleam	Chinna Darakasthu	MPWS	400S0001	Fields	31.01.24	0.50	Chemically Satisfactory

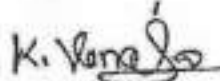

 Lab Chemist 31/1/2024
 WQM Lab
 RWS & S SD Gudur


 31/01/2024

Deputy Executive Engineer
 RWS & S Sub-Division, GUDUR


 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P.
 VIJAYAWADA

Flouride Test Report at Chinnamandem village Chinnamandem(Mandal) in Annamayya(D)									
IS:10500-2012 Permissible limits						Requirment (Acceptable limits)			1
						Permissisable limits in the absence of altermate source			1.5
						Units			mg./lit
S.NO	Date of collection	Mandal	Panchayat	Village	Habitation	Location	Source code	Type of source	Fluoride as F -
1	31.01.24	Chinnamandem	Chinnamandem	Chinnamandem	Chinnamandem	Village	211524800503050060050001	PWS	1.5
2	31.01.24	Chinnamandem	Chinnamandem	Chinnamandem	Chinnamandem	Village	211524800701080060005001	OHSR	1.08
3	31.01.24	Chinnamandem	Chinnamandem	Chinnamandem	Chinnamandem	Madana palli road	211524800701080045350001	DP	0.92
4	31.01.24	Chinnamandem	Chinnamandem	Chinnamandem	Chinnamandem	Arab street	211524800701080045150001	DP	0.86
5	31.01.24	Chinnamandem	Chinnamandem	Chinnamandem	Chinnamandem	Santha market	211524800701080045250002	DP	0.96
6	31.01.24	Chinnamandem	Chinnamandem	Chinnamandem	Chinnamandem	Bore well	211524800701080060050006	DP	1.2


 K. Vana
 Lab Chemist,
 WQM Lab,
 RWS&S Sub-Division,
 Rayachoty,
 Annamayya (District).


 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P.
 VIJAYAWADA

Fluoride Test Report At B.Mattam Mandal In Kadapa District

IS:10500-2012 Permissible limits

Requirement (Acceptable limits)

1

Permissible limits in the absence of alternate source

1.5

Units

mg./lit.

S.No	Date of Collection	Mandal	Panchayat	Village	Habitation	Location	Scheme Id	Type of Source	Fluoride as F-
1	2	3	4	5	6	7	8	9	10
1	1/31/2024	B.Mattam	Diguva Nelatur	Diguva Nelatur	Maligudipadu	Temple	7123587	DP	1.40
2	1/31/2024	B.Mattam	Dirasavancha	Dirasavancha	Chowtapalli	Dirasavancha	7122830	MPWS	0.8
3	1/31/2024	B.Mattam	Mallepalli	Mallepalli	Mallepalli	Middle of the village	7123570	DP	1.45
4	1/31/2024	B.Mattam	Mallepalli	Mallepalli	Mallepalli	GP Building	3690529	PWS	1.42
5	1/31/2024	B.Mattam	Mallepalli	Mallepalli	Mallepalli	Ramalinga reddy	5115798	DP	1.44
6	1/31/2024	B.Mattam	Somireddy palli	Somireddy palli	Kandimallaya palli	Near park	7123580	DP	1.46
7	1/31/2024	B.Mattam	Somireddy palli	Somireddy palli	Kandimallaya palli	Near Venkata Subbaiah	7122835	MPWS	1.48
8	1/31/2024	B.Mattam	Somireddy palli	Somireddy palli	Kandimallaya palli	Near Arya vasya satram	2368221	MPWS	1.46
9	1/31/2024	B.Mattam	Somireddy palli	Somireddy palli	Kandimallaya palli	Near Church	7123579	DP	1.42
10	1/31/2024	B.Mattam	Somireddy palli	Somireddy palli	Kandimallaya palli	Near Mdo Office	2368220	PWS	1.42
11	1/31/2024	B.Mattam	Somireddy palli	Somireddy palli	Kandimallaya palli	Near Park	7124476	DP	1.30
12	1/31/2024	B.Mattam	Somireddy palli	Somireddy palli	Kandimallaya palli	Prabhu Nagar	5108257	DP	1.45
13	1/31/2024	B.Mattam	Somireddy palli	Somireddy palli	Kandimallaya palli	Brahamam Swami House	5106730	DP	1.40

S. Sujatha
Lab Chemist 07/02/24
WQM Lab
RWS&S SD MYDUKUR

[Signature]
Lab In-charge, 07/02/2024
Assistant Executive Engineer,
RWS&S SD MYDUKUR.

[Signature] 07/02/2024
Dy. Executive Engineer,
RWS&S Sub Division,
Mydukur.

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

Fluoride Test Report At Kanagudur Village (Duvvur Mandal) In Kadapa District

IS:10500-2012 Permissible limits						Requirement (Acceptable limits)		mg./lit.	
						Permissible limits in the absence of alternate source		1.5	
						Units		mg./lit.	
S.No	Date of Collection	Mandal	Panchayat	Village	Habitation	Location	Scheme Id	Type of Source	Fluoride as F-
1	2	3	4	5	6	7	8	9	10
1	1/30/2024	Duvvur	Kanagudur	Kanagudur	Kanagudur	KC Canal	7122649	MPWS	0.83
2	1/30/2024	Duvvur	Kanagudur	Kanagudur	Kanagudur	Sivalayam	7121985	PWS	0.89
3	1/30/2024	Duvvur	Kanagudur	Kanagudur	Kanagudur	Sivalayam aside	2368078	PWS	1.09

S. Sujatha
Lab Chemist 07/02/24
WQM Lab
RWS&S SD MYDUKUR.

Bhaskar R
Lab Incharge, 07/02/2024
Assistant Executive Engineer,
RWS&S SD MYDUKUR

J. Sivakala 07/02/2024
Dy. Executive Engineer,
RWS&S Sub Division,
Mydukur.

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

Received from: Sample collection

Date of Collection: 31/01/2024

Date of Received: 31/01/2021

Date of Analysis: 31/01/2024

Date of issue: 31/01/2021

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Asst. Chemist

State Level Water Testing Laboratory
Kural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

WATER QUALITY MONITORING & SURVEILLANCE LABORATORY
RURAL WATER SUPPLY & SANITATION, RAYADURG -
SUB - DIVISION



WATER ANALYSIS REPORT (నీటి విశ్లేషణ నివేదిక)

Type of Source							
Location / Habitation		వికారం (9), బెలుగుపా (9)					
Mandal		బెలుగుపా					
Date Collected		31/1/2024					
Date Received		31/1/2024					
Date Reported		31/1/2024					
Sl. No	Parameter	LIMITS as per IS 10500		Unit	Source Result	Remarks	
సంఖ్య	కొలమానము	Desirable	Permissible	మాపనము	ఫలితము	నొదన	
Physical Parameter (భౌతిక కొలమానములు)							
1	pH	ఉదాహరించినది	6.5 - 8.5	No relaxation	-		
2	TDS	ముక్తము కలిగి ఉన్న ఘన పదార్థములు	500	2000	mg / litre		
3	Turbidity	మురికి	5	10	NTU		
Chemical Parameter (రసాయనిక కొలమానములు) mg / L							
1	Alkalinity to Phenolphthalein	పివాల్మలిన శారద్యము	-	-	mg / litre		
2	Alkalinity to Methyl Orange	మిథైల్ ఆరంజ్ శారద్యము	200	600	mg / litre		
3	Total Hardness	కాఠిన్యం	300	600	mg / litre		
4	Calcium as Ca	కాల్షియము	75	200	mg / litre		
5	Chloride as Cl	క్లోరైడ్	250	1000	mg / litre		
6	Sulphate as SO ₄	సల్ఫేట్	200	400	mg / litre		
7	Nitrate as NO ₃	నైట్రేట్	45	100	mg / litre		
8	Iron	ఇనుము	0.3	1	mg / litre		
9	Fluoride	ఫ్లోరైడ్	1	1.5	ppm	1.47	
Result		ఫలితములు					
Suggestion:							

SJA 6.2.24
Deputy Executive Engineer
RWS & S. Sub-Division
RAYADURG

A.R. Prasad
Asst Chemist
WQM Laboratory
RWS & S Sub Division Rayadurg

State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

GOVERNMENT OF ANDHRA PRADESH
IWQM&S DISTRICT LEVEL WATER TESTING LABORATORY
O/O THE SUPERINTENDENT ENGINEER
RURAL WATER SUPPLY & SANITATION DEPARTMENT
ANANTHAPURAMU DISTRICT
TEST REPORT ON CHEMICAL & BACTERIOLOGICAL ANALYSIS OF WATER (DRINKING)
General (Physico-Chemical Parameters) and Bacteriological

Name and address:

Korrapadu (V & G.P., Bukkarayyapamuduru (H)

Ananthapuram (Dist)

Description of the test items:

Date of Collection:

Date of Receipt:

01/02/2024

Latitude - 14.753

Longitude - 77.713

Date of Analysis:

Date of Issue:

01/02/2024

02/02/2024

Chemical Analysis									
Sl.No.	Water Quality Physico-Chemical Parameters	Units	Bore water	Filter water	Tap water	Delivery point	As per IS (10500 - 2012)		
							Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate sources	
1	Color	Pt-Co	—	—	—	—	—	—	
2	Turbidity	NTU	—	—	—	—	—	—	
3	pH		—	—	—	—	1.0	5.0	
4	Electrical Conductivity(EC)	$\mu S/cm$	—	—	—	—	6.5-8.5	No relaxation	
5	Total Dissolved Solids (TDS)	mg/L	—	—	—	—	—	—	
6	Total Alkalinity as $CaCO_3$	mg/L	—	—	—	—	500	2000	
7	Total Hardness as $CaCO_3$	mg/L	—	—	—	—	200	600	
8	Calcium as Ca^{++}	mg/L	—	—	—	—	200	600	
9	Magnesium as Mg^{++}	mg/L	—	—	—	—	75	200	
10	Chloride as Cl^{-}	mg/L	—	—	—	—	30	100	
11	Fluoride as F^{-}	mg/L	1.37	—	—	—	250	1000	
12	Nitrate as NO_3^{-}	mg/L	—	—	—	—	1.0	1.5	
13	Sulphate as SO_4^{-2}	mg/L	—	—	—	—	45	No relaxation	
14	Iron as Fe	mg/L	—	—	—	—	200	400	
15			—	—	—	—	1.0	No relaxation	
Bacteriological Analysis									
a)	H_2S producing Bacteria		—	—	—	—	—	—	
b)	MPN of Total Coliform Bacteria	100 ml	—	—	—	—	—	—	
c)	MPN of E.Coli / Thermo tolerant Coliform Bacteria	100 ml	—	—	—	—	—	—	

Remarks:-

K. P. Reddy
Asst. ChemistDistrict Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept.
Ananthapuram (Dist).Deputy Executive Engineer
RWS & S Sub-Division
ANANTHAPURAMState Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

Received from: Sample collector

Date of Collection : 31/01/2024

Date of Received: 31/01/2024

Date of Analysis: 31/01/2024

Date of issue : 01/02/2024

[illegible]

Asst. Chemist

State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

WATER ANALYSIS REPORT IWQM LABORATORY RWS &S DIVISION PENUKONDA

S.No	Date	LabRef No	Mandal	Village	Location of the source	Source Code	Source type	Fluoride (F)	Remarks
Recommended Guide lines as per IS10500-2012					Requirements acceptable Limits			1	
					Permissible limits in the absence of alternate source			1.5	
					Units			PPM	
1	2	3	4	5	6	7	8	18	
1	30.01.2024	2427	Somandepallli	Gudipalli	NEAR TANKBUND	120031679	Bore well	1.60	
2	30.01.2024	2430	Penukonda	Nagaluru	Village entrance ASWARTHA KATTA	120097995	Bore well	0.64	
3	30.01.2024	2434	Chennekothapalli	Chennekothapalli	BC Colony PWS AT CHENNAKOTHAPALLI	5068331	Bore well	0.88	

S. Anil Kumar
Dy Executive Engineer
RWS&S Sub Division
PENUKONDA

C. Ananth Kumar
Signature of the Chemist/ MicroBiologist
Asst. Chemist
Division Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept.
Penukonda, Githya (Dist.)

[Signature]
Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P
VIJAYAWADA

WATER ANALYSIS REPORT FROM LABORATORY RWS & SUB-DIVISION KADAP

Sl. No.	Date	Local ID	Mandal	Village	Location of the source Latitude & Longitude	Source Code	Source type	Depth (m)	Remarks
Recommended Guide lines as per IS 15026-29/12					Requirements: Ammonia Nitrate			1	
					Permissible limits in the absence of alternate source			1.5	
Units								ppm	
1	30.01.2024		Nellochuru	Molochipudi	13.242 78.228	1428	Bore well	2.58	
2	30.01.2024		Tanukalla	Kanali Keta	13.834 78.23	7517	Bore well	0.51	
3	30.01.2024		MP Keta	Melochcheruvu	14.64 78.31	8703	Bore well	1.41	
4	30.01.2024		Talupula	Talupula	14.246 78.26	7335	Bore well	2.89	
5	30.01.2024		Padli	Alampar	14.19 78.181	8037	Bore well	1.58	

K. Ramesh Kumar
Signature of the Chemist/Microbiologist

N. Chandramohan
Asst. Chemist

[Signature]
Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

Government of Andhra Pradesh IWQM Water Testing Laboratory
 O/o The Dy Executive Engineer HINDUPUR.
 Rural Water Supply & Sanitation Department SRI SATYA SAI District.
TEST REPORT ON CHEMICAL ANALYSIS OF WATER (DRINKING)
 General physical Chemical Parameters and Bacteriological Analysis

Name and address: *Chesuvu Kindapali (Sangatha G.P., Chikamathur M.)*
Saisabasa (dist)

Latitude: *-13.87* Longitude: *-77.813*

Test Report ID No:

Description of the test item:

Date of Collection: *31/01/2024*

Date of Receipt: *31/01/2024*

Date of Analysis: *31/01/2024*

Date of Issue: *01/02/2024*

Sl. No	Physico-Chemical Parameters	Units	Bore water before filtration	Bore water after filtration	VMC tap water	Water at Delivery point	As per IS (18500-2012)	
							Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternative source)
1	Colour	Co- Pt	—	—	—	—	—	—
2	Turbidity	NTU	—	—	—	—	—	—
3	pH		—	—	—	—	1.0	5.8
4	Electrical Conductivity (EC)	microhm/cm	—	—	—	—	8.5-2.5	No restriction
5	Total Dissolved Solids (TDS)	mg/lit	—	—	—	—	300	2000
6	Total Alkalinity as CaCO ₃	mg/lit	—	—	—	—	300	500
7	Total Hardness as CaCO ₃	mg/lit	—	—	—	—	200	500
8	Calcium as Ca++	mg/lit	—	—	—	—	200	500
9	Magnesium as Mg++	mg/lit	—	—	—	—	75	200
10	Fluoride as F	mg/lit	<i>1.62</i>	—	—	—	1.0	1.5
11	Chloride as Cl	mg/lit	—	—	—	—	150	1000
12	Nitrate as NO ₃	mg/lit	—	—	—	—	—	—
13	Sulphate as SO ₄	mg/lit	—	—	—	—	15	No restriction
14	Total Iron as Fe	mg/lit	—	—	—	—	300	400
15	Bacteriological Analysis		—	—	—	—	0.3	1
A)	H2S producing Bacteria		—	—	—	—	—	—
B)	MPN of Coliforms bacteria		100 ml	—	—	—	—	—
C)	MPN of E.coli		100 ml	—	—	—	—	—

Remarks:-

Note: The above results are related only to the sample tested. Report should not be considered valid for all without permission of laboratory.

K. Chundrasekar

Asst. Chemist
 WWS & S. Sub-Division
 HINDUPUR.

MICROBIOLOGIST
 WWS & S. Sub-Division
 HINDUPUR.

oil shom
 Deputy Executive Engineer
 RWS & S. Sub-Division
 HINDUPURAMU

Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P.
 VIJAYAWADA

Government of Andhra Pradesh IWQM Water Testing Laboratory
 O/o The Dy Executive Engineer HINDUPUR.
 Rural Water Supply & Sanitation Department SRI SATYA SAI District.
TEST REPORT ON CHEMICAL ANALYSIS OF WATER(DRINKING)
 General physical Chemical Parameters and Bacteriological Analysis

Name and address: Kammavendapalli (Gounda (M))
Sri Satya Sai (Dist)

Latitude: -14.005 Longitude: -77.801

Test Report ID No: _____
 Description of the test items: _____
 Date of Collection: 31/01/24
 Date of Receipt: 31/01/24

Date of Analysis: 31/01/24
 Date of Issue: 31/01/24

Sl.No	Physico-Chemical Parameters	Units	Bore water before filtration	Bore water after filtration	VMO tap water	Water at Delivery point	As per IS (15590 - 2012)	
							Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternative source)
1	Colour	Co-PT	—	—	—	—	—	—
2	Turbidity	NTU	—	—	—	—	—	—
3	pH		—	—	—	—	6.5-8.5	5.5
4	Electrical Conductivity (EC)	m/cmh as/cm	—	—	—	—	—	No relaxation
5	Total Dissolved Solids (TDS)	mg/lit	—	—	—	—	500	2000
6	Total Alkalinity as CaCO ₃	mg/lit	—	—	—	—	200	600
7	Total Hardness as CaCO ₃	mg/lit	—	—	—	—	200	600
8	Calcium as Ca++	mg/lit	—	—	—	—	75	305
9	Magnesium as Mg++	mg/lit	—	—	—	—	30	100
10	Fluoride as F	mg/lit	1.74	—	—	—	1.0	1.5
11	Chloride as Cl	mg/lit	—	—	—	—	250	1000
12	Nitrate as NO ₃ ⁻	mg/lit	—	—	—	—	45	No relaxation
13	Sulphate as SO ₄ ⁻	mg/lit	—	—	—	—	200	400
14	Total Iron as Fe	mg/lit	—	—	—	—	0.3	1
15	Bacteriological Analysis							
A)	H2S producing Bacteria							
B)	MPN of Coliforms Bacteria	100 ml						
C)	MPN of E.coli	100 ml						

Remarks: —

Note: The above test results are related only to the sample tested. Report should not be produced half or full without permission of laboratory.

K. Chandrasekhar
 Asst. Chemist
 RWS & S. Sub-Division
 HINDUPUR.

MICROBIOLOGIST
 WQM LABORATORY
 RWS & S. Sub-Division
 Hindupur

[Signature]
 Deputy Executive Engineer
 RWS & S. Sub-Division
 HINDUPURAMU

[Signature]
 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P.
 VIJAYAWADA

Government of Andhra Pradesh (WQM Water Testing Laboratory)
 O/o The Dy. Executive Engineer HINDUPUR.
 Rural Water Supply & Sanitation Department SRI SATYA SAI District.
TEST REPORT ON CHEMICAL ANALYSIS OF WATER (DRINKING)
 General physical Chemical Parameters and Bacteriological Analysis

Name and address: **Kasireddy Palli (Guntur (M))**
Sri Satya Sai (Dist)

Latitude: **-13.983** Longitude: **-77.784**

Test Report ID No:
 Description of the test item:
 Date of Collection: **31/01/24**
 Date of Receipt: **31/01/24**

Date of Analysis: **31/01/24**
 Date of Issue: **01/02/24**

Sl. No	Physico-Chemical Parameters	Units	Bore water before filtration	Bore water after filtration	VMC tap water	Water at Delivery point	As per IS (10500-2012)	
							Requirement (Acceptable Limit)	Permissible Limit (in the absence of alternative source)
1	Colour	Co-Pt	—	—	—	—	—	—
2	Turbidity	NTU	—	—	—	—	1.0	5.0
3	pH		—	—	—	—	6.5-8.5	No relaxation
4	Electrical Conductivity (EC)	microhm/cm	—	—	—	—	—	—
5	Total Dissolved Solids (TDS)	mg/lit	—	—	—	—	500	2000
6	Total Alkalinity as CaCO ₃	mg/lit	—	—	—	—	300	600
7	Total Hardness as CaCO ₃	mg/lit	—	—	—	—	300	600
8	Calcium as Ca++	mg/lit	—	—	—	—	75	200
9	Magnesium as Mg++	mg/lit	—	—	—	—	30	100
10	Fluoride as F	mg/lit	1.76	—	—	—	1.0	1.5
11	Chloride as Cl	mg/lit	—	—	—	—	250	1000
12	Nitrate as NO ₃	mg/lit	—	—	—	—	45	No relaxation
13	Sulphate as SO ₄	mg/lit	—	—	—	—	200	400
14	Total Iron as Fe	mg/lit	—	—	—	—	0.3	1
15	Bacteriological Analysis							
A)	M25 producing Bacteria							
B)	MPN of Coliforms bacteria	100 ml						
C)	MPN of E.coli	100 ml						

Remarks:-

Note: The above test results are related only to the sample tested. No claim is made for the results of the test without permission of the laboratory.

K. Chandra Sekhri
 Asst. Chemist
 RWS & S. Sub-Division
 HINDUPUR.

MIC BIOLOGIST
 WQM LABORATORY
 RWS & S. Sub-Division
 Hindupur

S. S. S. S.
 Deputy Executive Engineer
 RWS & S. Sub-Division
 HINDUPURAMU

Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P.
 VIJAYAWADA

WATER QUALITY MONITORING & LABORATORY

WATER ANALYSIS REPORT (నీటి విశ్లేషణ నివేదిక)

Type of Source	Borewell
Location / Habitation	Akkampalli, Madakasira
Mandal	Madakasira
Type of source	PWS
Date Collected	01.02.2024
Date Received	01.02.2024
Date Reported	02.02.2024



Sl. No	Parameter	LIMITS as per IS-10500	Unit	Source Result	Remarks
		Desirable	Permissible	మాపన ము	ఫలితము సూచన
సంఖ్య	కొలమానము	వలసిన స్థాయి	మోద స్థాయి		

Physical Parameter (భౌతిక కొల మానములు)

1	pH	ఉదజని సూచి	6.5 - 8.5	No relaxation	-	-	✓
2	TDS	ముక్తము కంగ ఉన్న మన సేదారములు	500	1500	mg / litre	205	✓
3	Turbidity	మరకీ	5	10	NTU	-	✓

Chemical Parameter (రసాయనిక కొల మానములు) mg / L

1	Alkalinity to Phenolphthalien	పినాఫ్థలిన్ ఖారత్వము	-	-	mg / litre	null	✓
2	Alkalinity to Methyl Orange	మిథైల్ ఆరంజ్ ఖారత్వము	200	600	mg / litre	-	✓
3	Total Hardness	కారీన్యత	300	600	mg / litre	-	✓
4	Calcium as Ca	కాల్షియము	75	200	mg / litre	-	✓
5	Chloride as Cl	క్లోరైడ్	250	1000	mg / litre	-	✓
6	Sulphate as SO ₄	సల్ఫేట్	200	400	mg / litre	-	✓
7	Nitrate as NO ₃	నైట్రేట్	45	100	mg / litre	-	✓
8	Iron	ఇనుము	0.3	1	mg / litre	-	✓
9	Fluoride	ఫ్లోరైడ్	1	1.5	ppm	1.45	✓

Result

ఫలితములు

SATISFACTORY

Suggestion: SATISFACTORY

G. B. K. S. J.
Water Quality
IWQM, Laboratory
Madakasira
02.02.24

Deputy Executive Engineer
RWS&S Sub-Division
Madakasira

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

WATER QUALITY MONITORING & LABORATORY

WATER ANALYSIS REPORT (నీటి విశ్లేషణ నివేదిక)

Type of Source Borewell
Location / Habitation near Anganawadi, Kothulugutta
Mandal Madakasira
Type of source PWS
Date Collected 01.02.2024
Date Received 01.02.2024
Date Reported 02.02.2024



Sl. No	Parameter	LIMITS as per IS 10500		Unit	Source Result	Remarks	
సంఖ్య	కొలమానము	Desirable	Permissible	మాపన ము	ఫలితము	సూచన	
Physical Parameter (భౌతిక కొల మానములు)							
1	pH	ఉదజని నూచి	6.5 - 8.5	No relaxation	-	✓	
2	TDS	మొత్తము 500	1500	mg / litre	299	✓	
3	Turbidity	ఉన్న సున్న పదార్థములు	5	10	NTU	✓	
Chemical Parameter (రసాయనిక కొల మానములు) mg / L							
1	Alkalinity to Phenolphthalein	పివాఫ్థలిన్ జ్వరతప్రము	-	-	mg / litre	nil	✓
2	Alkalinity to Methyl Orange	మిథైల్ ఆరంజ్ జ్వరతప్రము	200	600	mg / litre	-	✓
3	Total Hardness	కాల్షియం	300	600	mg / litre	-	✓
4	Calcium as Ca	కాల్షియము	75	200	mg / litre	-	✓
5	Chloride as Cl	క్లోరైడ్	250	1000	mg / litre	-	✓
6	Sulphate as SO ₄	సల్ఫేట్	200	400	mg / litre	-	✓
7	Nitrate as NO ₃	నైట్రేట్	45	100	mg / litre	-	✓
8	Iron	ఇనుము	0.3	1	mg / litre	-	✓
9	Fluoride	ఫ్లోరైడ్	1	1.5	ppm	1.71	X
Result		ఫలితములు					
Suggestion: NOT SATISFACTORY		NOT SATISFACTORY					

Water Quality
IWQM, Laboratory
Madakasira
02.02.24

Deputy Executive Engineer
RWS&S Sub-Division
Madakasira

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.O.
VIJAYAWADA

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

Fluoride Test Report at Adoni Division Lab Kurnool District

							Requirement Acceptable limits		1
IS:10500-2012 Permissible limits							Permissible limits in the absence of alternate source		1.5
							units		mg./lit.
S no	Date of Collection	Mandal	Panchayat	Village	Habitation	Location	Source Code	Type of Source	Fluoride as F.
1	2	3	4	5	6	7	8	9	10
1	01-02-2024	KOWTHALAM	BAPURAM	BAPURAM	BAPURAM	RAJANAGAR	600 CG001	PWS	1.05
2	01-02-2024	ADONI	DODDANAGERI	DODDANAGERI	DODDANAGERI	NEAR SCHOOL	600 CG001	PWS	0.34
3	01-02-2024	ADONI	DODDANAGERI	DODDANAGERI	DODDANAGERI	NEAR SCHOOL	600 CG002	PWS	0.28
4	01-02-2024	ADONI	DODDANAGERI	DODDANAGERI	DODDANAGERI	IN THE VILLAGE	600SO 001	PWS	0.42
5	01-02-2024	ADONI	NAGANATHANAHALLI	NAGANATHANAHALLI	NAGANATHANAHALLI	IN THE VILLAGE	600SO 001	PWS	0.34
6	01-02-2024	ADONI	NAGANATHANAHALLI	NAGANATHANAHALLI	NAGANATHANAHALLI	NAGANATHANAHALLI	800SO 001	CPWS	0.10

[Signature]
 Deputy Executive Engineer
 RWS&S Sub Division, Adoni

[Signature]
 Asst. Engineer
 RWS&S Sub Division,
 Adoni.

M. Mahadevi
 (Asst. Chemist)
 Adoni Lab

[Signature]
 Asst. Chemist
 State Level Water Testing Laboratory
 Rural Water Supply & Sanitation Dept. A.P
 VIJAYAWADA

Flouride Test Report on More than Permissible limits of Alur Laboratory, Kurnool Distret.

IS:10500-2012 Permissible limts					Requirement (Acceptable limits)			1
					Permissible limits in the absence of altenate source			1.5
					Units			mg/lit
Sl.No	Name of the Mandal	Name of the Gram Panchayat	Name of the Village	Name of the Habitation	Date of Testing	Locaton	Type of source	Fluoride Value
1	Halaharvi	Gulayam	Gulayam	Gulayam	01.02.2024	MPP School(K)	Hand Pump	1.45
2	Halaharvi	Gulayam	Gulayam	Gulayam	01.02.2024	Gadlingeswara Temple	MPWS Scheme	0.83
3	Halaharvi	Gulayam	Gulayam	Gulayam	01.02.2024	ZPH School	Hand Pump	2.04
4	Halaharvi	Gulayam	Gulayam	Gulayam	01.02.2024	ZPH School	R.O Plant	0.08
5	Halaharvi	Gulayam	Gulayam	Gulayam	01.02.2024	ZPH School	CPWS Scheme	0.21
6	Halaharvi	Gulayam	Gulayam	Gulayam	01.02.2024	MPP School	CPWS Scheme	0.19
7	Halaharvi	Bapuram	Bapuram	Bapuram	01.02.2024	Burrial Ground	Hand Pump	1.92
8	Halaharvi	Bapuram	Bapuram	Bapuram	01.02.2024	Street 1	CPWS Scheme	0.18
9	Halaharvi	Bapuram	Bapuram	Bapuram	01.02.2024	MPUP School	CPWS Scheme	0.22
10	Halaharvi	Bapuram	Bapuram	Bapuram	01.02.2024	At Sachivalayam	CPWS Scheme	0.19
11	Holagunda	Suluvo	Suluvo	Suluvo	01.02.2024	Burrial Ground	Hand Pump	1.96
12	Holagunda	Suluvo	Suluvo	Suluvo	01.02.2024	Near dargi	Hand Pump	2.12
13	Holagunda	Suluvo	Suluvo	Suluvo	01.02.2024	Holagunda cross	Hand Pump	1.46

Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

252

IS:10500-2012 Permissible limits					Requirement (Acceptable limits)			1
					Permissible limits in the absence of alternate source			1.5
					Units			mg/lit
Sl.No	Name of the Mandal	Name of the Gram Panchayat	Name of the Village	Name of the Habitation	Date of Testing	Location	Type of source	Fluoride Value
14	Holagunda	Suluvoy	Suluvoy	Suluvoy	01.02.2024	Near Cheruvu katta	Hand Pump	1.35
15	Holagunda	Suluvoy	Suluvoy	Suluvoy	01.02.2024	Near Cheruvu	PWS Scheme	1.25
16	Holagunda	Suluvoy	Suluvoy	Suluvoy	01.02.2024	MPP School	Hand Pump	1.80
17	Holagunda	Suluvoy	Suluvoy	Suluvoy	01.02.2024	MPP School	R.O Plant	0.23
18	Holagunda	Suluvoy	Suluvoy	Suluvoy	01.02.2024	ZPH School	Hand Pump	1.77
19	Holagunda	Suluvoy	Suluvoy	Suluvoy	01.02.2024	ZPH School	R.O Plant	0.25

[Signature]
Deputy Executive Engineer,
RWS & S Sub - Division
ALUR.

[Signature] 06/02/24
Assistant Executive Engineer
R.W.S. & S. Section,
Alur Mandal.

[Signature]
N. Ramarajayulu
Chemist
WQM Laboratory
RWS & S, Subdivision
Alur

[Signature]
Asst. Chemist
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

Fluoride Test Report Orvakal village (Orvakal mandal) in Kurnool District

As per IS 10500-2012 permissible limits

IS 10500-2012 permissible limits						Requirement (As per IS 10500-2012)			1
						Permissible limits in the absence of alternate sources			1.5
						Location	Source code	Type of source	mg/Lit.
S.NO	Date of collection	Mandal	Panchayathi	Village	Habitation	Location	Source code	Type of source	Fluoride as F-
1	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Elementary School		PWS	0.84
2	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Shrikrishna temple	120165338	PWS	0.83
3	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Rachakitta	120165361	DP	0.85
4	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Sc colony		DP	1.20
5	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Penta Kanti Nagar		GLSR	0.95
6	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Kalva Bugga	120017207	CPWS	0.93
7	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Elementary School		MPWS	1.50
8	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	At daku		MPWS	0.89
9	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Jaganna colony		MPWS	0.79
10	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	ZPHS school	513079	MPWS	1.20
11	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Bc hostel		MPWS	1.50
12	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	At daku	1995344	DP	0.35
13	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Ap Model school		R.O	0.46
14	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	Ap Model school		BW	0.49
15	31.1.2024	Orvakal	Orvakal	Orvakal	Orvakal	KGIV School		MPWS	1.50

P. K. Srinivas
Lab Chemist
WQM Lab
RWS & S Kurnool.

K. Srinivas
Lab Incharge
Assistant Executive Engineer,
RWS & S Kurnool.

Asst. Executive Engineer,
RWS & S Sub-Division,
Kurnool.
State Level Water Testing Laboratory
Rural Water Supply & Sanitation Dept. A.P.
VIJAYAWADA

Item No. 16

Court No. 1

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

Original Application No. 728/2023

In re: News item appearing in Hindustan dated 30.11.2023 titled “Arsenic found in groundwater in 25 States, fluoride in 27 States: Govt.”

Date of hearing: 15.02.2024

**CORAM: HON’BLE MR. JUSTICE PRAKASH SHRIVASTAVA, CHAIRPERSON
HON’BLE MR. JUSTICE SUDHIR AGARWAL, JUDICIAL MEMBER
HON’BLE DR. A. SENTHIL VEL, EXPERT MEMBER**

Respondent: Mr. Gigi. C. George, Adv. for CGWA
Mr. Kaushal Gautam, AAG with Ms. Vansika Singh, Adv. for the State of Uttarakhand & UKPCB
Mr. Nishe Rajen Shonker, Adv. for the State of Kerala
Mr. Amresh Bind & Ms. Richa Kapoor, Adv. for GNCTD
Mr. Rahul Khurana, Adv. for the State of Haryana
Mr. Pukhramban Ramesh Kumar & Ms. Anupama Ngangom, Adv. for the State of Manipur (Through VC)
Mr. Vishal Prasad, Adv. for the State of Chhattisgarh (Through VC)
Ms. Rukhmini Bobde & Mr. Amlaan Kumar, Adv. for the State of Madhya Pradesh (Through VC)

ORDER

1. This original application was registered *suo moto* on the basis of the report disclosing that that Arsenic was detected in ground water in part of 230 Districts and 25 States and Fluoride in 469 Districts and 27 States. The Tribunal in the previous proceeding had considered the seriousness of the issue of presence of toxic elements like Arsenic and Fluoride in groundwater, contaminating it and causing serious toxic effect to the human body. Accordingly, the Tribunal had impleaded all the States through their competent authorities and issued notice to them.

2. The report on behalf of the CGWA dated 06.02.2024 has been filed but on the perusal of the report, we find that the averment contained therein are mostly theoretical and general in nature. No concrete steps have been reflected in the report by the CGWA disclosing the action taken to remediate the problem. As a nodal Ministry, the report should have

disclosed on number of vulnerable locations indicating remedial measures taken in terms of installing Arsenic and Fluoride removal plants or having assured alternate water supply.

3. It has been reported that CGWB has 16 chemical laboratories in different States of the country for water sample analysis out of which 10 laboratories are NABL accredited. The total number of samples analysed in these chemical laboratories are in the range of 27500-32500 annually, analysing 15 major chemical parameters which include pH, EC, Ca, Mg, TII, Na, K, F, CO₃, HCO₃, SO₄, Cl, NO₃, SiO₂, PO₄ and heavy/trace elements (Fe, Mn, Cu, Cd, Cr, Pb, As & U) on need basis.

4. We have received the reports on behalf of States of Uttar Pradesh, Bihar, Punjab, Madhya Pradesh, Tripura, Manipur, Haryana, Chhattisgarh, Uttarakhand and Government of NCT Delhi but report from other States is awaited. On the perusal of the report filed by NCT of Delhi we find that even the sample testing facility is not available as in the chart contained on page 238, in respect of some of labs, it has been mentioned that four months of time will be required for procurement of kits and allied units for testing.

5. Hence, we grant six weeks' time to CGWA to file a fresh report clearly keeping in view the observations made above and also disclosing the action which has been taken at the ground level by CGWA to remediate the problem. We also direct the other States/Union Territories, who have not filed, to file their response within six weeks.

6. List the matter on 26th April, 2024.

Prakash Shrivastava, CP

Sudhir Agarwal, JM

Dr. A. Senthil Vel, EM

February 15, 2024
Original Application No. 728/2023
HB.