

IN THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, KALAS MAHAL, CHENNAI
OA 186/2023 (SZ)

IN THE MATTER OF:

Ravindranath Shanbhogue

... .. APPLICANT

VERSUS

Union of India, Through its
Secretary, New Delhi and Ors

...RESPONDENTS

Previous D.o.H: 09.01.2026

Next D.o.H: 25.02.2026

I N D E X

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1.	Water Analysis Report dt 30.12.2025 filed on behalf of respondent no. 6 KSPCB	1 – 5
2.	<u>ANNEXURE: A (Colly)</u> Water Analysis Reports of the area Nettanigemudnoor village, Puttur Taluk, (Tecacher-Zubaida), Dakshina Kannada District	6 – 15



MUKESH KUMAR
Advocate for R6 KSPCB

Lex Regula LLP

Email: LexRegula@gmail.com

Mobile: +91-9211059000

Place: New Delhi
eFiled on: 29.01.2026

Regional Office :
Karnataka State Pollution Control Board
 Parisara Bhavana, 10B, Baikampady Industrial Area,
 Mangaluru - 575 011
 Tel.: 0824-2408239
 e-mail: mangalore@kspcb.gov.in website: http:kspcb.gov.in

ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ :
 ಪರಿಸರ ಭವನ, 10ಬಿ
 ಬೈಕಂಪಾದಿ ಕೈಗಾರಿಕಾ ಪ್ರದೇಶ
 ಮಂಗಳೂರು 575 011

ಕರ್ನಾಟಕ ರಾಜ್ಯ
 ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ



towards a cleaner Karnataka

:KSPCB/EO(MNG)/NGT-186/ 2025-26/ 2159

Date: 30-12-2025

To,

Dispatched

The Member Secretary,
 KSPCB, Parisara Bhavan,
 No:49, Church Street, MG Road,
 Bengaluru.

Sir,

“Kind Atten: Law Officer- Legal Cell”

Sub: Submitting of Water Analysis report with respect to NGT OA No:186/2023

Ref: 1.The Hon'ble National Green Tribunal, South Zone, Chennai OA
 No.186/2023.

2.Joint inspection carried on 28.12.2023.

3. This Office letter to Board Office, KSPCB letter No: 2268 Dated:
 29.12.2023.

4. The Hon'ble National Green Tribunal, South Zone, Chennai order
 dated:17.02.2025 wrt OA No.186/2023.

5.This Office water sampling inspection intimation Notice No: 648 Dated:
 17.07.2025

6. Joint Inspection and water sampling collection dated: 23.07.2025.

7 This office sample submission to Regional Laboratory, Mangalore No: 710
 Dated: 23.07.2025.

8.Analysis report submission by Regional Laboratory No: 57 Dated:
 19.08.2025 received at this office on 21.08.2025.

As per the above subject and reference, Hon'ble NGT, Southern Zone, Chennai has passed an order vide OA No: 186 of 2023 dated:20.12.2023 on the letter petition sent by by Mr. Ravindranath Shanbhogue, Karnataka in the matter of endosulfan affected area.

In the backdrop of Hon'ble NGT Order dated 17.02.2025 with respect to Original Application No.186 of 2023(SZ) at para number 01 is read as follows.

“A direction may be issued to the State Pollution Control Boards of Kerala and Karnataka to conduct analysis of groundwater of all the villages which are within a

5 Km range/radius of the abandoned well, where Endosulfan have been illegally dumped by the Plantation Corporation of Kerala – Respondent No.7”.

In view of above, as per Hon’ble NGT direction , this office conducted the sampling collected water samples at affected area Karnataka viz residential houses and Schools on 23.07.2025 along with the representatives from inline departments for the sampling of the said affected as per NGT order vide ref (4).

In this regard the sample was submitted to Regional Laboratory, KSPCB, Mangalore cited vide ref (7) and received Analysis report vide ref (8) which shows that Endosulfan in the collected water sample is below detection limit.

The copy of the analysis report is enclosed, the same may be submitted to Hon’ble NGT.

The same may be submitted to Hon’ble NGT.

Yours faithfully,

Encl: Analysis Report

Sd/-
**Environmental Officer,
KSPCB, RO-Mangaluru**

1. The Member Secretary, KSPCB, Head Office, Bangaluru for kind information.
2. SEO, WMC-1 Section, KSPCB, Bangaluru for kind information and further needful action.
3. The RSEO, Zonal Office, KSPCB, Mangaluru for kind information.
4. Case file.


ENVIRONMENTAL OFFICER
KSPCB, RO-MANGALURU



ಪ್ರಾದೇಶಿಕ ಪ್ರಯೋಗಾಲಯ

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ, ಮಂಗಳೂರು
An ISO 9001:2015 and ISO 45001:2018 certified laboratory

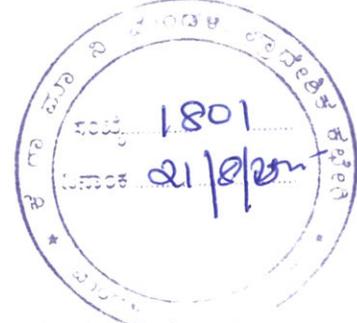


ಕರಾಮಾನಿಮಂ/ಪಅ(ಮಂ)/ವಿ.ವ./2025-26/ 57

ದಿನಾಂಕ: 19 AUG 2025

ಇವರಿಗೆ,

ಪರಿಸರ ಅಧಿಕಾರಿಗಳು
ಪ್ರಾದೇಶಿಕ ಕಛೇರಿ,
ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ,
ಕೈಗಾರಿಕಾ ಪ್ರದೇಶ ಬೈಕಂಪಡಿ
ಮಂಗಳೂರು-575011,



ಮಾನ್ಯರೇ,

ವಿಷಯ: ಮಂಗಳೂರು ಕಛೇರಿಯಿಂದ ಸಲ್ಲಿಸಿದ್ದ ನೀರಿನ ಮಾದರಿಗಳ ವಿಶ್ಲೇಷಣಾ
ವರದಿಯನ್ನು ಕಳುಹಿಸಿಕೊಡುವ ಬಗ್ಗೆ.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ತಮ್ಮ ಕಛೇರಿಯಿಂದ ನೀರಿನ ಮಾದರಿಗಳನ್ನು
ಸ್ವೀಕರಿಸಲಾಗಿತ್ತು. ಈ ಕೆಳಕಂಡ ಮಾದರಿಗಳನ್ನು ವಿಶ್ಲೇಷಣೆ ಮಾಡಿ ಪ್ರಯೋಗಾಲಯದ ಅಧಿಕಾರಿಗಳು
ವಿಶ್ಲೇಷಣಾ ವರದಿಯನ್ನು ಈ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಿರುತ್ತಾರೆ.

1. Water sample collected at residential house belonging to Smt Seethu W/o Pakir Naik, Sannapade, Galimukha town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (346)
2. Water sample collected at residential house belonging to Smt Sahara W/o Sedu, Galimukha town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (347)
3. Water sample collected at residential house belonging to Smt. Sadiq F/o Mohammed, Galimukha town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (348)
4. Water sample collected at residential house belonging to Sri. Jafer Sharif, F/o G. M. Suffi, Galimukha town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (349)
5. Water sample collected at residential house belonging to Bala Snehai Anganwadi Kendra, Karnoor town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk (Teacher-Zubaida), Dakshina Kannada District. (350)
6. Water sample collected at residential house belonging to Smt Prema W/o Krishnakumar "Sidhi Priya House" Sannapade Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (351)
7. Water sample collected at residential house belonging to Sri Abdul Khadar D/o Mohideen Kunni Alake Mane, Karnoor, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (352)
8. Water sample collected at residential house belonging to Sri Krishna Bilchappa, House No.64, Kadukuli, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (353)
9. Water sample collected at residential house belonging to Sri Abdulla, S/o Abdul Khader Door No.5/278/2, Kadukuli, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (354)
10. Water sample collected at Dakshina Kannada High Primary School, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District. (355)

ಈ ಪತ್ರದ ಜೊತೆಗೆ ವಿಶ್ಲೇಷಣಾ ವರದಿಯನ್ನು ಲಗತ್ತಿಸಿ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ
ಕಳುಹಿಸಿಕೊಡಲಾಗಿದೆ.

ತಮ್ಮ ಖಶ್ವಾಸಿ,

ಪ್ರಾದೇಶಿಕ ಅಧಿಕಾರಿಗಳು

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
ಮಂಗಳೂರು

D/S-1
le
19/8

SDA
HS
28/8

Regional Laboratory: Karnataka State Pollution Control Board

Parisara Bhavana, Block No. 23&24, Near ESI Hospital, Baikampady Industrial Area, Mangaluru - 575011

Tel: 0824-2406586, 2408420, E-mail: rlabmng@gmail.com

// TRUE TYPED TRANSLATION OF PREVIOUS PAGE//

REGIONAL LABORATORY

KARNATAKA STATE POLLUTION CONTROL BOARD MANGALORE

KSPCB/M/EO/(M) Z V / 2025-26/57

DATED 18-8-2025

Environmental Officer,

Regional Office,

Karnataka State Pollution Control Board,

Baikampady Industrial Area, Mangalore.

Sir.

Sub- regarding submission of water analysis report with reference to water samples sent by

Mangalore Regional Office

1. Water sample collected as residential house belonging to Smt Seethu W/o Pakir Naik, Sannapade. Golimukha town. Ishwaramangala Road , Nettanigemudnoor village. Puttur Taluk, Dakshina Kannada District (346)
2. Water sample collected at residential house belonging to Smt. Sahara W/o Sedu. Golimukha town. Ishwaramangala Road Nettanigemudnoor village, Puttur Taluk, Dakshina kannada District (347)
3. Water sample collected at residential house belonging to Smt. Sadiq F/o Mohammed Galimukha town, Ishwaramangala Nettanigemudnoor Road village, Puttur Taluk, Dakshina kannada District (348)
4. Water sample collected at residential house belonging to Sri Jafer Sharif, F/o G. M. Suffi, Galimukha town. Ismaramangala Road Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District (349)
5. Water sample collected at residential house belonging to Bala Snehai Anganwadi Kedra. Karnoor town. Ishwaramangala Road

Nettanigemudnoor village, Puttur Taluk. (Tecacher-Zubaida). Dakshina Kannada District. (350)

6. Water sample collected a residential house belonging to Smt Prema W/o Krishnakumar "Sidhi Priya House "Sannpade Ishwaranna Ishwaramangala Road Nettanigamudnoor village, Pattue Taluk, Dakshina Kannada District. (351)
7. Water sample collected at residential house belonging to Sri Abdul Khadar D/O Mohideen Kumni Alake Mane. Karnoor Ishwaramangala Road Nettanigemudnoor village, Puttur Taluk. Dakshina Kannada District.(352)
8. Water sample collected at residential house belonging to Sri Krishna Bilechappa, House No.64, kadukuli, Ishmaramangala Road Nettanigemudnoor village, Puttur Taluk. Dakshina Kannada District(353)
9. Water sample collected at residential house belonging to Sri Abdulla, S/o Abdul Khader Door No 5/278/2, Kadakuli, Ishwaramangala Road Nettanigemudnoor village, Puttur Taluk. Dakshina Kannada District (354)
10. Water sample collected at Dakshina Kannada High Primary School, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk. Dakshina Kannada District (355)

With reference to the above subject, we had received water samples from your office. The following samples were analysed by the Scientific Officer and submitted to this office.

The analysis report is attached to this letter for further action

Yours faithfully

Regional Officer

Karnataka State Pollution Control Board Mangalore.

// TRUE TYPED TRANSLATION //



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

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6

Date: 18 AUG 2025

ANALYSIS REPORT

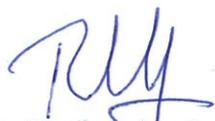
NAME OF THE INDUSTRY		Water sample collected at residential house belonging to Smt Seethu W/o Pakir Naik, Sannapade, Galimukha town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru			DATE OF COMMENCEMENT OF TEST : 23.07.2025			
DATE OF COLLECTION :		23.07.2025			DATE OF COMPLETION OF TEST : 16.08.2025			
DATE OF RECEIPT :		23.07.2025			SAMPLE REPORT NO. : 298			
PARTICULARS OF SAMPLE COLLECTED:		Openwell			SAMPLE NO. : 346			
Sl No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	346	346 A	346 B	
1	pH	pH Unit	6.5-8.5	NR	6.6	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	8	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	2.1	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	0.68	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	6	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	0.96	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	0.5	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	6	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	20	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.1	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.12	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	BDL	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	BDL	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation 5. The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
7. NTU: Nephelometric Turbidity Unit 8. BDL: Below detection limit, mg/L: milligram/Litre,
9. µg/L: Microgram/Litre


Scientific Assistant
ANALYSED BY


Assistant Scientific Officer
VERIFIED BY


Authorised signatory
Ravi S. Gali
Scientific Officer

-----End of Report-----



KARNATAKA STATE POLLUTION CONTROL BOARD

7

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY		Water sample collected at residential house belonging to Smt Sahara W/o Sedu, Galimukha town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru	DATE OF COMMENCEMENT OF TEST : 23.07.2025					
DATE OF COLLECTION :		23.07.2025	DATE OF COMPLETION OF TEST : 16.08.2025					
DATE OF RECEIPT :		23.07.2025	SAMPLE REPORT NO. : 299					
PARTICULARS OF SAMPLE COLLECTED:		Borewell	SAMPLE NO. : 347					
SI No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	347	347 A	347 B	
1	pH	pH Unit	6.5-8.5	NR	6.8	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	68	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	17.6	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	5.8	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	16	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	8.8	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	1.6	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	62	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	112	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.2	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.61	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	0.021	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	BDL	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation 5. The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
- NTU: Nephelometric Turbidity Unit 8. BDL: Below detection limit, mg/L: milligram/Litre,
- µg/L: Microgram/Litre

Suyeto
 Scientific Assistant
 ANALYSED BY

Rohit
 Assistant Scientific Officer
 VERIFIED BY

Ravi S. Gali
 Authorised signatory
 Ravi S. Gali
 Scientific Officer

-----End of Report-----



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

8

Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY		Water sample collected at residential house belonging to Smt. Sadiq F/o Mohammed, Galimukha town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru	DATE OF COMMENCEMENT OF TEST : 23.07.2025					
DATE OF COLLECTION :		23.07.2025	DATE OF COMPLETION OF TEST : 16.08.2025					
DATE OF RECEIPT :		23.07.2025	SAMPLE REPORT NO. : 300					
PARTICULARS OF SAMPLE COLLECTED:		Openwell	SAMPLE NO. : 348					
Sl No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	348	348 A	348 B	
1	pH	pH Unit	6.5-8.5	NR	6.6	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	8	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	2.1	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	0.68	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	8	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	1.1	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	0.5	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	6	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	24	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.1	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.15	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	BDL	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	BDL	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation 5. The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
- NTU: Nephelometric Turbidity Unit 8. BDL: Below detection limit, mg/L: milligram/Litre,
- µg/L: Microgram/Litre

Supetto
Scientific Assistant
ANALYSED BY

hooch saik
Assistant Scientific Officer
VERIFIED BY

Ravi S. Gali
Authorised signatory
Ravi S. Gali
Scientific Officer

—End of Report—



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

9

Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY	Water sample collected at residential house belonging to Sri. Jafer Sharif, F/o G. M. Suffi, Galimukha town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.							
SAMPLE COLLECTED BY :	EO, Mangaluru	DATE OF COMMENCEMENT OF TEST : 23.07.2025						
DATE OF COLLECTION :	23.07.2025	DATE OF COMPLETION OF TEST : 16.08.2025						
DATE OF RECEIPT :	23.07.2025	SAMPLE REPORT NO. : 301						
PARTICULARS OF SAMPLE COLLECTED:	Borewell	SAMPLE NO. : 349						
SI No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	349	349 A	349 B	
1	pH	pH Unit	6.5-8.5	NR	7.1	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	162	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	41.7	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	14.1	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	12	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	26.8	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	2.7	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	150	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	220	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.3	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.96	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	0.019	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	0.05	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	BDL	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation 5. The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
7. NTU: Nephelometric Turbidity Unit 8. BDL: Below detection limit, mg/L: milligram/Litre,
9. µg/L: Microgram/Litre


Scientific Assistant
ANALYSED BY


Assistant Scientific Officer
VERIFIED BY


Authorised signatory
Ravi S. Gali
Scientific Officer

—End of Report—



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

10

Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY		Water sample collected at residential house belonging to Bala Snehai Anganwadi Kendra, Karnoor town, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk (Tecacher-Zubaida), Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru			DATE OF COMMENCEMENT OF TEST : 23.07.2025			
DATE OF COLLECTION :		23.07.2025			DATE OF COMPLETION OF TEST : 16.08.2025			
DATE OF RECEIPT :		23.07.2025			SAMPLE REPORT NO. : 302			
PARTICULARS OF SAMPLE COLLECTED:		Borewell			SAMPLE NO. : 350			
Sl No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	350	350 A	350 B	
1	pH	pH Unit	6.5-8.5	NR	7.2	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	132	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	34.5	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	11.2	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	12	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	12.8	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	1.9	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	128	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	180	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.3	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.72	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	0.26	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	0.092	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation 5. The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
7. NTU: Nephelometric Turbidity Unit 8. BDL: Below detection limit, mg/L: milligram/Litre,
9. µg/L: Microgram/Litre


Scientific Assistant
ANALYSED BY


Assistant Scientific Officer
VERIFIED BY


Authorised Signatory
Ravi S. Gali
Scientific Officer

-----End of Report-----



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

11

Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY		Water sample collected at residential house belonging to Smt Prema W/o Krishnakumar "Sidhi Priya House" Sannpade Ishwarama, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru			DATE OF COMMENCEMENT OF TEST : 23.07.2025			
DATE OF COLLECTION :		23.07.2025			DATE OF COMPLETION OF TEST : 16.08.2025			
DATE OF RECEIPT :		23.07.2025			SAMPLE REPORT NO. : 303			
PARTICULARS OF SAMPLE COLLECTED:		Borewell			SAMPLE NO. : 351			
Sl No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	351	351 A	351 B	
1	pH	pH Unit	6.5-8.5	NR	7.4	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	70	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	18.4	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	5.8	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	12	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	8	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	1.4	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	64	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	106	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.2	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.54	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	BDL	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	BDL	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation 5. The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
- NTU: Nephelometric Turbidity Unit 8. BDL: Below detection limit, mg/L: milligram/Litre,
- µg/L: Microgram/Litre

Scientific Assistant
ANALYSED BY

Assistant Scientific Officer
VERIFIED BY

Authorised signatory
Ravi S. Gali
Scientific Officer

—End of Report—



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

12

Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY		Water sample collected at residential house belonging to Sri Abdul Khadar D/o Mohideen Kunni Alake Mane, Karnoor, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru			DATE OF COMMENCEMENT OF TEST : 23.07.2025			
DATE OF COLLECTION :		23.07.2025			DATE OF COMPLETION OF TEST : 16.08.2025			
DATE OF RECEIPT :		23.07.2025			SAMPLE REPORT NO. : 304			
PARTICULARS OF SAMPLE COLLECTED:		Borewell			SAMPLE NO. : 352			
SI No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	352	352 A	352 B	
1	pH	pH Unit	6.5-8.5	NR	6.6	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	62	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	16.8	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	4.9	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	14	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	11.2	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	6.5	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	52	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	102	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.2	-	-	IS 3025 (Part 60): 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.48	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B): 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	0.21	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	0.19	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation
- The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
- NTU: Nephelometric Turbidity Unit
- BDL: Below detection limit, mg/L: milligram/Litre,
- µg/L: Microgram/Litre


Scientific Assistant
ANALYSED BY


Assistant Scientific Officer
VERIFIED BY


Authorised signatory
Ravi S. Gali
Scientific Officer

-----End of Report-----



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

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Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY		Water sample collected at residential house belonging to Sri Krishna Bilchappa, House No.64, Kadukuli, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru	DATE OF COMMENCEMENT OF TEST : 23.07.2025					
DATE OF COLLECTION :		23.07.2025	DATE OF COMPLETION OF TEST : 16.08.2025					
DATE OF RECEIPT :		23.07.2025	SAMPLE REPORT NO. : 305					
PARTICULARS OF SAMPLE COLLECTED:		Openwell	SAMPLE NO. : 353					
SI No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	353	353 A	353 B	
1	pH	pH Unit	6.5-8.5	NR	6.6	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	18	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	4.6	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	1.6	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	8	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	3.4	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	0.4	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	14	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	36	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.1	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.35	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	BDL	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	BDL	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation 5. The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
7. NTU: Nephelometric Turbidity Unit 8. BDL: Below detection limit, mg/L: milligram/Litre,
9. µg/L: Microgram/Litre


Scientific Assistant
ANALYSED BY


Assistant Scientific Officer
VERIFIED BY


Authorised signatory
Ravi S. Gali
Scientific Officer

-----End of Report-----



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

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Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY		Water sample collected at residential house belonging to Sri Abdulla, S/o Abdul Khader Door No.5/278/2, Kadukuli, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru			DATE OF COMMENCEMENT OF TEST : 23.07.2025			
DATE OF COLLECTION :		23.07.2025			DATE OF COMPLETION OF TEST : 16.08.2025			
DATE OF RECEIPT :		23.07.2025			SAMPLE REPORT NO. : 306			
PARTICULARS OF SAMPLE COLLECTED:		Borewell			SAMPLE NO. : 354			
SI No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	354	354 A	354 B	
1	pH	pH Unit	6.5-8.5	NR	6.7	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	60	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	15.2	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	5.4	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	14	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	8.6	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	1.5	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	56	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	102	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.2	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.51	-	-	APHA 23rd edition 4500-NO ₃ -B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	BDL	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	BDL	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

Note:

- Standards are compared with IS 10500:2012 (Reaffirmed 2018)
- Particulars & Standards mentioned are as per requisition letter & the above results pertains only to the sample tested.
- AL*: Acceptable Limits PL **: Permissible Limits (in the absence of alternate source)
- NR: No Relaxation 5. The report shall not be reproduced without the written approval of the laboratory.
- Samples will be stored for a period of 7 days from the date of dispatch of report
7. NTU: Nephelometric Turbidity Unit 8. BDL: Below detection limit, mg/L: milligram/Litre,
9. µg/L: Microgram/Litre


Scientific Assistant
ANALYSED BY


Assistant Scientific Officer
VERIFIED BY


Authorised signatory
Ravi S. Gali
Scientific Officer

-----End of Report-----



KARNATAKA STATE POLLUTION CONTROL BOARD

No 23& 24 4th cross,near ESI Hospital Industrial Area Baikampady Mangaluru 575011 Ph No: 0824-2408420

An ISO 9001:2015 and ISO 45001:2018 Certified Laboratory.

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Date: 18 AUG 2025

ANALYSIS REPORT

NAME OF THE INDUSTRY		Water sample collected at Dakshina Kannada High Primary School, Ishwaramangala Road, Nettanigemudnoor village, Puttur Taluk, Dakshina Kannada District.						
SAMPLE COLLECTED BY :		EO, Mangaluru	DATE OF COMMENCEMENT OF TEST : 23.07.2025					
DATE OF COLLECTION :		23.07.2025	DATE OF COMPLETION OF TEST : 16.08.2025					
DATE OF RECEIPT :		23.07.2025	SAMPLE REPORT NO. : 307					
PARTICULARS OF SAMPLE COLLECTED:		Borewell	SAMPLE NO. : 355					
Sl No.	Parameters Analysed	Unit	Standard		Result			Test Method
			*AL	**PL	355	355 A	355 B	
1	pH	pH Unit	6.5-8.5	NR	6.7	-	-	IS 3025 (Part 11): 2022
2	Hardness as CaCO ₃	mg/L	200	600	58	-	-	IS 3025 (Part 21): 2023
3	Calcium as Ca	mg/L	75	200	14.4	-	-	IS 3025 (Part-40): 2024
4	Magnesium as Mg	mg/L	30	100	5.3	-	-	IS 3025 (Part 46): 2023
5	Chloride	mg/L	250	1000	12	-	-	IS 3025 (Part 32): 2019
6	Sulphate	mg/L	200	400	10.6	-	-	IS 3025 (Part 24): 2022
7	Turbidity	NTU	1	5	1.8	-	-	IS 3025 (Part 10): 2023
8	Total Alkalinity	mg/L	200	600	54	-	-	IS 3025 (Part 23): 2023
9	Amonical Nitrogen	mg/L	0.5	NR	BDL	-	-	IS 3025(Part 34): 2023
10	Sulphide	mg/L	0.05	NR	BDL	-	-	APHA 23rd edition (4500 S2- F): 2017
11	Total Dissolved solids	mg/L	500	2000	98	-	-	IS 3025 (Part 16): 2023
12	Flouride	mg/L	1	1.5	0.2	-	-	IS 3025 (Part 60) : 2023
13	Nitrate as NO ₃	mg/L	45	NR	0.42	-	-	APHA 23rd edition 4500-NO3-B: 2017
14	Boron (as B)	mg/L	0.5	1	BDL	-	-	APHA 23rd edition(4500-B) : 2017
15	Free Residual Chlorine	mg/L	0.2	1	BDL	-	-	IS:3025(Part26):2021
16	Manganese (as Mn)	mg/L	0.1	0.3	-	BDL	-	APHA 23rd edition (3111B): 2017
17	Copper	mg/L	0.05	1.5	-	BDL	-	IS 3025 (Part 42) : 2024
18	Iron	mg/L	1	NR	-	BDL	-	IS 3025 (Part 53) : 2024
19	Zinc	mg/L	5	15	-	BDL	-	IS 3025 (Part 49) : 2024
20	Total Chromium	mg/L	0.05	NR	-	BDL	-	IS 3025 (Part 52) : 2023
21	Cadmium	mg/L	0.003	NR	-	BDL	-	IS 3025 (Part 41) : 2023
22	Nickel	mg/L	0.02	NR	-	BDL	-	IS 3025 (Part 54) : 2023
23	Lead	mg/L	0.01	NR	-	BDL	-	IS 3025 (Part 47) : 2024
24	Endosulfan (alpha, beta and sulphate)	µg/L	0.4	NR	-	-	BDL	USEPA Methods-508 & 8081

- Note:
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 9. µg/L: Microgram/Litre


Scientific Assistant
ANALYSED BY


Assistant Scientific Officer
VERIFIED BY


Authorised signatory
Ravi S. Gali
Scientific Officer

-----End of Report-----