

**BEFORE THE NATIONAL GREEN TRIBUNAL SOUTHERN
BENCH CHENNAI**

ORIGINAL APPLICATION NO. 61 OF 2024

IN THE MATTER OF:

**Suo Moto matter In re: News item appearing in the Bangalore dated
26.12.2023 entitled "Bengaluru's water bodies are gasping for oxygen"**

VERSUS

**Central Pollution Control Board through its
Regional Director, Bengaluru & Ors**

..... **RESPONDENTS**

INDEX

S. No	Particular	Page No.
01	Affidavit on Behalf of the Respondent No. 1, The Central Pollution Control Board (CPCB)	01-05
02	Annexure I – Water Quality Status of 88 lakes monitored at 94 locations in Bengaluru during the year 2023	06 - 08
03	Annexure II - A Copy of the Designated Best Use (DBU) Water Quality Criteria Classification	09
04	Annexure III - A copy of the CPCB's directions dated 22 nd May, 2015 issued under section 18(1)(b) of The Water (Prevention and Control of Pollution) Act, 1974 to The Chairman Karnataka State Pollution Control Board regarding contamination of Bellandur and Varthur lakes	10- 12
05	Annexure IV – A copy of the CPCB's letter dated 26 th April, 2024 addressed to Member Secretary, Karnataka State Pollution Control Board requested to identify the sources of pollution for non-confirming locations and may take concerted efforts for improvement of water quality of the lakes, tanks and ponds.	13- 18

Signed and verified on this 20th day of May, 2024 at Bengaluru

**Counsel for
1st Respondent**

DEPONENT

**J. Chandra Babu
REGIONAL DIRECTOR
CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE - BENGALURU
(MIN. OF ENV, FOREST & CC, GOVT OF INDIA)
BENGALURU - 560 079. MOB: 9868278903**



BEFORE THE NATIONAL GREEN TRIBUNAL SOUTHERN BENCH CHENNAI

ORIGINAL APPLICATION NO. 61 OF 2024

IN THE MATTER OF:

Suo Moto matter In re: News item appearing in the Bangalore dated 26.12.2023 entitled "Bengaluru's water bodies are gasping for oxygen"

VERSUS

Central Pollution Control Board through its Regional Director, Bengaluru & Ors

..... RESPONDENTS

AFFIDAVIT ON BEHALF OF THE RESPONDENT NO. 1, THE CENTRAL POLLUTION CONTROL BOARD (CPCB)

I, J Chandra Babu, son of late Shri. J Balaramaiah, aged 55 years, having office at the Regional Directorate, Central Pollution Control Board, 1st & 2nd Floors, Nisarga Bhavan A- Block, Thimmaiah Main Road, 7th D Cross, Shivanagar, Bengaluru - 560 079 do hereby solemnly affirm and state on oath as follows:

1. That I am presently working as Scientist 'E' & Regional Director, Regional Directorate, Central Pollution Control Board (hereafter called as CPCB), Bengaluru and authorized to file the present statement on behalf of the 1st Respondent. I am fully conversant with the facts of the case and hence, competent and authorized to depose and swear this affidavit.



J. Chandra Babu
 20/5/2024
J. Chandra Babu
REGIONAL DIRECTOR
CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE - BENGALURU
(MIN. OF ENV, FOREST & CC, GOVT OF INDIA)
BENGALURU - 560 079. MOB: 9868278903

2. It is humbly submitted that the Hon'ble NGT PB Delhi vide order dated **24.01.2024** impleaded CPCB through its Regional Director, CPCB, Bengaluru as Respondent No. 1 and directed to file a reply in the matter and also transferred to Hon'ble NGT SZ Chennai and now the case was renumbered as OA No. 61 of 2024 (SZ) on 25.03.2024.
3. The Central Pollution Control Board (CPCB) in association with the State Pollution Control Boards (SPCBs) in the States and Pollution Control Committees (PCCs) in Union Territories has established a water quality monitoring network under National Water Quality Monitoring Programme (NWMP) to assess status of water quality of water resources in the States/UTs to facilitate for prevention and control of pollution in the water bodies. Under National Water Quality Monitoring Programme (NWMP) Karnataka State Pollution Control Board (KSPCB) monitors water quality of 88 lakes at 94 locations in Bengaluru.
4. Water Quality Status of 88 lakes monitored at 94 locations in Bengaluru during the year 2023 is enclosed as **Annexure-I**. The water quality data are compared with the Designated Best Use (DBU) Water Quality Criteria Classification of CPCB. A Copy of the Designated Best Use (DBU) Water Quality Criteria Classification is given as **Annexure II**.



J. Chandra Babu
22/5/2024
J. Chandra Babu
REGIONAL DIRECTOR
CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE - BENGALURU
(MIN. OF ENV, FOREST & CC, GOVT OF INDIA)
BENGALURU - 560 079. MOB: 9868278903

5. As per the Water Quality Status of 88 lakes monitored at 94 locations in Bengaluru during the year 2023 compared with DBU classification and following observations are made:

- a. Out of 94 monitored locations, the water quality of the 12 locations confirms the criteria of Class D (Propagation of Wild life and Fisheries)
- b. The water quality of the remaining 82 locations confirms the criteria of Class E (Irrigation, Industrial Cooling, Controlled Waste disposal)
- c. None of the water quality of 94 monitored locations confirms the criteria of Class A, B & C (i.e., **Class A** - Drinking Water Source without conventional treatment but after disinfection; **Class B** - Outdoor Bathing; **Class C**- Drinking Water Source after Conventional Treatment and Disinfection).

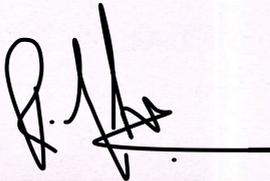
7. It is humbly submitted that Hon'ble NGT vide its order dated 18.11.2020 in O.A No.325/ 2015 directed all States/UTs to designate a nodal agency for restoration of water bodies and in compliance to the afore-said order, Karnataka State has designated Karnataka Tank Conservation and Development Authority as the nodal agency to ensure compliance of Hon'ble NGT orders passed in O.A.No. 325/ 2015 regarding restoration of stagnant water bodies. The Central Monitoring Committee under the Chairmanship of Secretary, Ministry of Jal Shakti (MoJS) is reviewing the compliance status on regular basis. It is the responsibility of the Karnataka State to ensure restoration of lakes/ponds in the State.



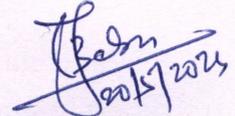

 J. Chandra Babu
 REGIONAL DIRECTOR
 CENTRAL POLLUTION CONTROL BOARD
 REGIONAL DIRECTORATE - BENGALURU
 (MIN. OF ENV, FOREST & CC, GOVT OF INDIA)
 BENGALURU - 560 079. MOB: 9868278903

8. It is submitted that CPCB has issued directions dated 22nd May, 2015 under section 18(1)(b) of The Water (Prevention and Control of Pollution) Act, 1974 to The Chairman Karnataka State Pollution Control Board regarding contamination of Bellandur and Varthur lakes. The copy of the direction is enclosed as **Annexure III**.
9. It is humbly submitted that CPCB has analyzed the water quality of Lake, Tank, Pond situated in the state of Karnataka, as monitored under NWMP by KSPCB, and communicated the same to KSPCB vide office letter A-1411/1/2024-WQM-I dated 26.04.2024. Additionally, vide the ibid letter it was also requested to identify the sources of pollution specially at the non-complying locations and to take concerted efforts for improvement of water quality. Copy of the said letter is enclosed as **Annexure-IV**.
10. In view of facts submitted above, it is respectfully submitted that the Central Pollution Control Board shall abide by any order/directions passed by this Hon'ble Tribunal in the instant matter.

Dated at Bengaluru on this the 20th day of May 2024



**COUNSEL FOR
1st RESPONDENT**



DEPONENT

J. Chandra Babu
REGIONAL DIRECTOR
CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE - BENGALURU
(MIN.OF ENV,FOREST & CC, GOVT OF INDIA)
BENGALURU - 560 079. MOB: 9868278903



VERIFICATION

I, J Chandra Babu, son of late Shri. J Balaramaiah, aged 55 years, having office at the Regional Directorate, Central Pollution Control Board, 1st & 2nd Floors, Nisarga Bhavan A- Block, Thimmaiah Main Road, 7th D Cross, Shivanagar, Bengaluru - 560 079 do hereby solemnly affirm and sincerely state that the averments made paras 1 to 8 above are subject to the best of my knowledge belief and information.

Verified at Bengaluru on this the 20th day of May 2024.



**COUNSEL FOR
1st RESPONDENT**

DEPONENT

J. Chandra Babu
REGIONAL DIRECTOR
CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE - BENGALURU
(MIN. OF ENV, FOREST & CC, GOVT OF INDIA)
BENGALURU - 560 079. MOB: 9868278903



WATER QUALITY DATA OF LAKES IN BENGALURU UNDER NWMP-2023

Monitoring Location	Dissolved O ₂ (mg/L)		pH		Conductivity (µmho/cm)		BOD (mg/L)		Total Coliform (MPN/100ML)		DBU Class Classification
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
ULSOOR LAKE TRAINING CENTRE OF FISH BREEDING	1.3	5.7	7.1	9.0	273	466	4.0	11.0	35000	1600000	E
ULSOOR LAKE TEMPLE	1.6	5.4	7.2	9.0	273	478	4.0	11.0	24000	540000	E
HESARAGHATTA LAKE	3.2	6.1	6.6	7.8	272	559	4.0	11.0	3500	54000	E
ANCHEPALYA LAKE	0.3	5.8	6.3	7.2	328	1659	4.0	62.0	9200	92000	E
KARIHOBANAHALLI LAKE	0.3	5.0	6.7	7.6	1438	2620	6.0	66.0	3500	2400000	E
BELLANDUR LAKE	0.3	4.9	6.5	7.5	624	1382	7.0	202.0	24000	240000000	E
VENGAIIYANAKERE(KR PURAM LAKE)	0.3	5.8	6.7	7.5	914	2175	4.0	100.0	35000	16000000	E
DODDANEKUNDI LAKE	0.3	5.4	6.5	7.2	381	1714	4.0	83.0	9200	24000000	E
YELEMALLAPPA SHETTY LAKE	0.3	4.2	6.2	7.6	392	3026	5.0	70.0	16000	350000000	E
VARTHUR LAKE	0.3	5.6	6.5	7.3	769	1380	7.0	73.0	54000	540000000	E
IBBALUR LAKE	0.3	6.6	6.5	7.6	346	1056	4.0	45.0	5400	350000	E
KAIKONDANAHALLI LAKE	0.3	6.7	6.9	8.5	364	2018	4.0	27.0	3500	350000	E
AGARAM LAKE	4.0	6.7	6.7	8.0	287	1058	4.0	9.0	16000	92000	D
GOTTIGERE LAKE	2.8	6.1	6.3	7.9	333	886	4.0	14.0	5400	1600000	E
PUTTENAHALLI LAKE	4.2	6.3	6.5	7.9	346	1044	4.0	11.0	9200	1600000	D
ARAKERE LAKE	0.3	5.7	7.0	8.6	332	1969	5.0	64.0	9200	350000	E
KALENA AGRAHARA LAKE	4.1	6.0	6.7	7.9	326	884	4.0	13.0	5400	160000	D
HULIMAVU LAKE	2.4	5.3	6.8	6.8	481	610	7.0	29.0	9200	16000	E
SINGASANDRA LAKE	0.3	5.1	6.8	8.0	563	1690	7.0	35.0	5400	2400000000	E
PARAPPANA AGRAHARA LAKE	2.1	5.5	7.0	8.2	592	1689	4.0	42.0	3500	24000000	E
HARALUR LAKE	0.3	5.4	6.8	8.4	595	1568	4.0	45.0	9200	35000000	E
SOMASUNDRAPALYA LAKE	3.1	6.5	6.6	7.8	288	1084	4.0	14.0	5400	160000	E
PUTTENAHALLI LAKE	3.0	6.2	6.7	7.8	414	804	4.0	18.0	540	350000	E
HEBBAL LAKE	2.5	6.1	6.6	7.8	412	750	4.0	29.0	16000	160000	E
NAGAVARA LAKE	1.6	6.1	6.5	8.1	390	928	4.0	20.0	2400	160000	E
JAKKUR LAKE	0.3	6.1	6.7	8.1	527	1237	4.0	23.0	24000	540000	E
AMRUTHAHALLI LAKE	3.2	5.8	6.8	7.9	528	1004	6.0	15.0	54000	92000	E
ALLALASANDRA LAKE	0.3	5.9	6.6	8.0	456	1350	4.0	45.0	1600	350000	E
VEERAPURA TANK	2.1	6.4	6.5	7.5	182	878	4.0	10.0	16000	160000	E

MALATHAHALLI LAKE	2.9	6.1	6.4	8.2	913	1298	4.0	12.6	9200	540000	E
HOSKERE LAKE	0.3	5.8	6.5	7.8	582	1306	5.0	44.0	24000	24000000	E
YELACHENAHALLI LAKE	2.0	6.9	6.8	8.5	261	470	4.0	13.0	5400	350000	E
UTTARAHALLI DORAIKERE	0.3	6.6	6.5	8.6	213	610	4.0	170.0	24000	1600000	E
BENNIGANAHALLI LAKE	3.2	6.7	6.5	7.7	394	821	4.0	14.0	9200	160000	E
GANGONDANAHALLI LAKE	0.3	5.5	6.1	7.7	284	4600	8.0	105.0	16000	350000000	E
CHIKKABANAVARA LAKE	0.3	5.8	6.3	7.4	405	1843	4.0	96.0	3500	92000	E
ANDHRAHALLI LAKE	0.3	6.1	6.5	7.3	276	2430	4.0	78.0	35000	240000000	E
KACHOHALLI LAKE	0.3	5.8	6.2	7.6	287	2600	7.0	124.0	16000	2400000	E
SARAKKI LAKE	4.2	6.1	7.1	8.2	485	813	4.0	7.0	1600	160000	D
NELAMANGALA LAKE	0.3	6.9	6.5	7.5	517	1789	4.0	86.0	16000	920000	E
ABBIGERE LAKE	0.3	5.7	6.5	7.6	399	1275	5.0	87.0	9200	540000	E
CHELEKERE LAKE	2.7	6.6	6.6	7.9	336	935	4.0	18.0	16000	92000	E
SINGAPURA LAKE	0.3	5.9	6.7	7.9	408	1300	4.0	93.0	2400	350000	E
NARASIPURA LAKE	4.3	6.5	6.8	7.7	329	685	4.0	9.0	16000	160000	D
RACHENAHALLI LAKE	2.9	5.7	6.8	8.2	429	1292	4.0	45.0	9200	920000	E
KOGILU KERE	4.2	6.4	6.8	8.1	333	940	4.0	9.0	9200	160000	D
VISWANEEDAM LAKE	0.3	6.1	6.5	7.5	451	2140	4.0	186.0	16000	540000	E
SADARAMANGALA LAKE	2.2	6.0	6.5	8.5	399	1030	4.0	17.0	5400	1600000	E
BHATTARAHALLI LAKE	2.2	6.1	7.0	9.0	580	1249	4.0	10.0	3500	160000	E
KUNDALAHALLI LAKE	2.9	6.6	7.0	8.2	366	1556	4.0	30.0	9200	350000	E
RAMPURA LAKE	0.3	4.8	6.5	7.3	542	2231	4.0	90.0	35000	54000000	E
CHINNAPPANAHALLI LAKE	2.4	6.0	6.8	8.1	545	1477	4.0	10.0	9200	920000	E
DEVARABEESANAHALLI LAKE	0.3	5.8	6.6	7.9	219	1929	5.0	20.2	5400	160000	E
VIBHUTHIPURA LAKE	1.8	5.5	6.6	7.7	396	1427	4.0	32.0	9200	350000	E
NALLURAHALLI LAKE	2.8	6.2	6.6	7.8	507	1571	4.0	16.0	16000	350000	E
PATTANDUR AGRAHARA LAKE	3.2	6.0	6.7	8.0	398	1671	4.0	16.0	3500	160000	E
SEETHARAMPALYA LAKE	0.3	6.1	6.6	8.5	489	1547	4.0	18.0	24000	240000	E
DEVASANDRA LAKE	0.9	5.2	6.5	8.2	378	1409	4.0	12.0	5400	3500000	E
SHEELAVANTA-WHITEFIELD LAKE	3.0	6.2	6.5	8.2	597	1256	4.0	16.0	35000	240000	E
DODDAKANNEHALLI LAKE	0.3	5.7	6.5	8.5	368	1964	5.0	20.0	5400	240000	E
KASAVANAHALLI LAKE	4.2	6.5	6.6	8.0	373	1062	4.0	8.0	5400	240000	D
KAMMASANDRA LAKE	0.3	3.8	6.6	7.7	1394	2290	9.0	150.0	35000	240000000	E
ULLALU LAKE	0.3	6.2	6.5	7.8	286	1442	5.0	174.0	16000	350000	E

SOMPURA LAKE	3.5	6.4	7.0	8.4	462	1503	4.0	17.0	9200	160000	E
GUBBALAL LAKE	0.3	6.2	6.5	7.5	240	890	4.0	124.0	35000	540000	E
HOSAKEREHALLI LAKE	0.3	5.8	6.5	8.5	683	1376	4.0	93.0	54000	920000	E
CHINNAKURCHI KERE	1.2	6.3	7.5	8.5	998	1401	4.0	15.0	5400	92000	E
MACHOHALLI LAKE	0.3	5.5	6.2	7.5	286	3270	6.0	225.0	9200	35000000	E
DODDABIDARAKALLU LAKE	0.3	4.6	6.4	7.3	955	2191	6.0	87.0	24000	3500000	E
KAMMAGONDANAHALLI LAKE	0.3	5.2	6.5	7.8	380	1598	4.0	86.0	5400	24000000	E
ALUR LAKE	4.2	6.1	6.6	7.3	142	528	4.0	11.0	9200	160000	D
BASAVANAPURA LAKE	0.3	6.0	6.5	8.7	310	1320	5.0	67.0	9200	240000	E
KODI SINGASANDRA LAKE	2.8	6.1	6.5	7.7	366	1012	4.0	12.0	9200	240000	E
KOTHANURU LAKE	3.1	6.1	6.5	7.8	338	1045	4.0	16.0	540	92000	E
JUNGU KERE (DEVARABEESANAHALLI LAKE)	4.8	5.8	6.7	7.6	218	549	5.0	6.0	9200	92000	D
JAKKSANDRA LAKE (KASAVANAHALLI LAKE)	5.3	6.1	6.9	7.1	778	789	4.0	4.0	16000	54000	D
MANGAMANAPALYA LAKE(SWARANA KUNTE)	3.4	6.4	6.5	7.6	350	1168	4.0	13.0	9200	160000	E
KANNAHALLI LAKE KANNAHALLI, BENGALURU	1.3	5.4	6.7	7.6	333	1690	6.0	24.0	3500	350000	E
SHETTIHALLI LAKE, MALLASANDRA GUDDE LAKE BEN	2.5	6.0	6.5	7.2	292	1426	4.0	17.0	16000	350000	E
HOODI (RAJAPALYA LAKE) ITPL MAIN ROAD, NEAR H	3.1	5.9	6.7	7.3	627	2670	4.0	27.0	9200	540000	E
MUNEKOLALU LAKE ,MARATHAHALLI, EAST TALUKA	3.1	6.0	6.8	8.4	510	1478	4.0	23.0	35000	160000	E
MAHADEVUPURA LAKE, K. R. PURAM , BANGALORE B	3.2	5.6	7.4	8.7	537	1196	3.2	10.0	24000	92000	E
SEGEHALLI LAKE BAAVANAPURA ROAD BATTARAH	1.6	5.2	6.5	7.5	526	1379	7.0	35.0	9200	2400000	E
KANNAMANGALA LAKE HOSKOTE MAIN ROAD , BEN	3.2	6.1	6.8	7.9	1237	2041	4.0	21.0	5400	160000	E
KANNUR LAKE NEAR BY HENNUR ROAD BENGALORE	3.0	5.9	6.5	8.2	278	740	4.0	12.0	9200	2400000	E
BASAVANAPURA LAKE AYYAPPA NAGR MAIN ROAD	3.1	5.5	6.5	7.3	368	1059	4.0	12.0	5400	160000	E
DODDAKALLASANDRA LAKE,BENGALURU	4.1	6.0	6.5	7.6	356	834	4.0	11.0	5400	160000	D
ULSOOR LAKE NEAR KALYANI,BENGALURU	4.3	5.6	6.7	8.5	341	498	4.0	10.0	5400	92000	D
BYRASANDRA UPPER LAKE,BENGALURU	3.0	5.4	6.5	8.0	425	1190	4.0	21.0	24000	160000	E
SOULKERE, KAIKONDRAHALLI VILL,BENGALURU	3.2	6.0	6.6	7.8	491	1265	4.0	14.0	16000	92000	E
KUDLU DODDAKERE, KUDLU VILL,BENGALURU	0.3	5.9	6.5	8.5	612	1200	4.0	40.0	9200	240000	E
KUDLU CHIKKAKERE, BGP LAYOUT KUDLU VILL ,BEN	1.9	6.1	7.0	8.5	710	864	4.0	13.0	9200	92000	E
ANJANAPURA LAKE (AVALA HALLI LAKE) ANJANAPU	1.2	6.1	6.1	8.0	370	803	4.0	26.0	5400	92000	E
HANCHANAL LAKE ,HANCHANAL VILL,BENGALURU	1.1	7.1	6.9	8.1	764	1264	3.9	54.6	3200	3200	E

Designated Best Use Water Quality Criteria

Designated-Best-Use	Class of water	Criteria
Drinking Water Source without conventional treatment but after disinfection	A	Total Coliforms Organism MPN/100ml shall be 50 or less pH between 6.5 and 8.5 Dissolved Oxygen 6mg/l or more Biochemical Oxygen Demand 5 days 20C 2mg/l or less
Outdoor bathing (Organised)	B	Total Coliforms Organism MPN/100ml shall be 500 or less pH between 6.5 and 8.5 Dissolved Oxygen 5mg/l or more Biochemical Oxygen Demand 5 days 20C 3mg/l or less
Drinking water source after conventional treatment and disinfection	C	Total Coliforms Organism MPN/100ml shall be 5000 or less pH between 6 to 9 Dissolved Oxygen 4mg/l or more Biochemical Oxygen Demand 5 days 20C 3mg/l or less
Propagation of Wild life and Fisheries	D	pH between 6.5 to 8.5 Dissolved Oxygen 4mg/l or more Free Ammonia (as N) 1.2 mg/l or less
Irrigation, Industrial Cooling, Controlled Waste disposal	E	pH between 6.0 to 8.5 Electrical Conductivity at 25C micro mhos/cm Max.2250 Sodium absorption Ratio Max. 26 Boron Max. 2mg/l



Public Complaint Directives 19

Sec 18(1)(b)

केन्द्रीय प्रदूषण नियंत्रण बोर्ड

CENTRAL POLLUTION CONTROL BOARD

(पर्यावरण एवं वन मंत्रालय, भारत सरकार)

(MINISTRY OF ENVIRONMENT & FORESTS GOVT. OF INDIA)

10

22

Speed - Post

Annexure - III

No.A-19014/41/2006-Mon/

Date: 22/05/2015

To

The Chairman,
Karnataka State Pollution Control Board,
Parisara Bhawan, 4th & 5th Floors,
Church Street,
Bengaluru - 560001

Sub: - Directions issued under Section 18 (1) (b) of the Water (Prevention and Control of Pollution) Act 1974 in the matter of contamination of Bellandur and Varthur Lakes.

WHEREAS, under Section 17 of the Water (Prevention & Control of Pollution) Act, 1974 one of the functions of the Karnataka State Pollution Control Board (KSPCB) is to plan a comprehensive programme for the Prevention, Control or Abatement of Pollution of streams and wells in the state and to secure the execution thereof; and

WHEREAS, the officials of Central Pollution Control Board, Bengaluru conducted inspection and monitoring of Varthur Lake jointly with the officials of Karnataka State Pollution Control Board during May 02, 2015 and made the following observations:

1. 600 MLD of treated/untreated sewage discharged from Koramangala-Challaghatta valley of Bengaluru leads to formation of foam and causing odour nuisance in Varthur Lake. The Lake was found completely filled & eutrophicated and water is in anoxic-anacrobic condition.
2. De-Sludging operations are not carried out since long time. Due to the sludge-deposition, the effective depth of the lake and bed porosity has been reduced.
3. The Varthur Lake is completely covered by water hyacinth which may be due to the excessive presence of nutrient contributed by sewage. The dissolved oxygen (DO) content is very low.
4. Analytical results of Lake with respect to Dissolved Oxygen (DO) (0.4 - 1.6 mg/l), BOD (12.7 - 17.1 mg/l), COD (27 - 41.9 mg/l), Conductivity (795 - 806 μ S),

{Continued...}

परिवेश भवन पूर्वी अर्जुन नगर, दिल्ली-110032

'Parivesh Bhawan', East Arjun Nagar, Delhi - 110032

दूरभाष / Tel.: 49162030, फ़ैक्स / Fax: 22305793, 22307078, 22307079, 22301932, 22304948

ई-मेल / e-mail: cpcb@nic.in वेबसाइट / Website: www.cpcb.nic.in

-2-

Ammonia-N (112-252 mg/l), Hardness (254.8-333.2 mg/l) and Alkalinity (256.3-353.5 mg/l) indicates that Lake is contaminated due to inflow of raw sewage and other effluents.

WHEREAS, the froth in the Bellandur Amani Lake, near M/s Hindustan Aeronautics Limited (HAL) caught fire on May 15, 2015. Yellowish flames emerged out of the white bubbly froth that had covered the lake for more than six weeks. The officials of Central Pollution Control Board, Bengaluru conducted inspection and monitoring of Bellandur Lake jointly with the officials of Karnataka State Pollution Control Board during May 16, 2015 and made the following visible observations:

1. Increasing discharge of untreated wastewater containing abnormal quantity of phosphorus, oil & grease, chemicals from detergents & cleaners etc. over a long period and its settlement as sediment. The chemicals accumulated in the lake has lead to methane build-up (highly combustible gas) which perhaps has ignited.
2. Oil & grease from industrial activity, sewage, and garbage have accumulated in sewer lines and in some parts of Lake. Due to heavy rains, the oil & grease accumulated in the sewer lines, etc., have been flushed to the surface of the Lake. Oil & grease, detergents and other organic compounds leading to foam formation. Oil & grease floating on the surface have ignited fire.

NOW, THEREFORE, in exercise of the power conferred under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act 1974, the following directions are issued for compliance:

1. Karnataka State Pollution Control Board (KSPCB) shall issue directions under section 33 (A) of the Water (Prevention & Control of Pollution) Act, 1974 to Bruhat Bangalore Mahanagara Palike (BBMP) and Bangalore Water Supply and Sewerage Board to ensure stoppage of discharge of untreated sewage.
2. KSPCB shall also ensure that all apartments with more than 50 units shall treat the sewage in their own STPs and reuse the treated sewage within its premises.
3. KSPCB shall direct Bruhat Bangalore Mahanagara Palike (BBMP) and Bangalore Water Supply and Sewerage Board to set up STPs of adequate capacity and provide underground sewerage system to cover the entire sewage catchment area of the lakes

[Continued....]

-3-

and to bridge the treatment gap along with enforcement of consent management in line with standards for sewage treatment

4. KSPCB shall also direct the concerned agency to ensure that the treated sewage utilized mandatorily for industrial application, railway / buses cleaning, gardening / horticulture purpose, flushing and irrigation purpose so that treated sewage does not enter the lakes.
5. The KSPCB shall direct Bruhat Bangalore Mahanagara Palike (BBMP) to prepare action plan with timeline to achieve the above directed actions and carry out regular monitoring of implementation.
6. KSPCB shall direct the concerned authorities to earmark the boundary of the Lake, and establish bunds along the periphery of the Lake.
7. KSPCB shall explore possibility to set-up aerators / or other appropriate devices to oxygenate the lake as a short term measure. This may also include other innovative approaches that can be followed to rejuvenate in both the lakes that is, Varthur and Bellandur.

The action taken report shall be submitted to the Central Board within 15 days from the date of receipt of aforesaid directions along with other actions already taken by KSPCB.

Shashi Shekhar
 (Shashi Shekhar)
 Chairman

Copy to:

1) The Incharge, ESS Division, CPCB

for n/a PL

05/6

SEE

Mr. D. Sinha
SECY

25/6/15



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA

Annexure - IV

F. No. A-14011/1/2024 -WQM-I 891

26/04/2024

To

The Member Secretary
Karnataka State Pollution Control Board
"Parisara" Bhavan", No #49, Church Street,
Bengaluru - 560001

Subject: Review of water quality data of Lake, Tank, Pond submitted under National Water Quality Monitoring Programme (NWMP), regarding.

Sir,

This has reference to the water quality data of Lake, Tank, Pond submitted under National Water Quality Monitoring Programme (NWMP), for the year 2022. In this connection, it is to inform that critical parameters such as DO, pH, BOD, FC & FS are compared with Primary Water Quality Criteria for Outdoor Bathing notified under the E(P) Rules, 1986 and observed that some of the monitoring locations at lake, tank & pond needed attention. State/UT-wise details have been tabulated and attached as **Annexure-I** for information and record.

In view of the above, it is requested to identify the sources of pollution specially at the non-complying locations and may take concerted efforts for improvement of water quality.

Yours faithfully

(Vishal Gandhi)
Scientist E, WQM-I Division

Encl: As above

‘परिवेश भवन’ पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032

दूरभाष/Tel: 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

KARNATAKA: WATER QUALITY DATA OF LAKES, PONDS, TANKS UNDER NWMP DURING THE YEAR 2022

STN Code	Monitoring Location	Type of Water Body	State	Dissolved O2 (mg/L)		pH		BOD (mg/L)		Fecal Coliform (MPN/100ML)		Fecal Streptococci (MPN/100ML)		Compliance Status
				Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
<i>Primary Water Quality Criteria for Outdoor Bathing notified under the E(P) Rules, 1986</i>				>5 mg/L		6.5-8.5		< 3 mg/L		< 2500 MPN/100ML		< 500 MPN/100ML		
4506	ABBIGERE LAKE	LAKE	KARNATAKA	0.3	6.7	6.5	7.4	5.0	28.0	390	8400			Non-Complying
3612	AGARAM LAKE	LAKE	KARNATAKA	4.2	6.9	6.8	7.8	4.0	9.0	230	4900			Non-Complying
3629	ALLALASANDRA LAKE	LAKE	KARNATAKA	0.3	6.0	6.8	8.2	4.0	45.0	1700	33000			Non-Complying
4541	ALUR LAKE	LAKE	KARNATAKA	4.4	7.1	6.4	7.7	4.0	9.0	210	3100000			Non-Complying
3628	AMRUTHAHALLI LAKE	LAKE	KARNATAKA	0.3	6.3	6.5	8.2	4.0	73.0	49	7000			Non-Complying
3599	ANCHEPALYA LAKE	LAKE	KARNATAKA	3.1	6.9	6.1	7.3	3.0	18.0	310	12000			Non-Complying
4096	ANDHRAHALLI LAKE	LAKE	KARNATAKA	0.3	7.1	6.5	7.4	4.0	52.0	170	4800000			Non-Complying
3615	ARAKERE LAKE	LAKE	KARNATAKA	2.6	6.2	6.7	7.6	4.0	20.0	230	21000			Non-Complying
3696	AYYANAKERE LAKE	LAKE	KARNATAKA	0.3	11.6	7.2	9.9	3.0	185.0	1700	100000			Non-Complying
4542	BASAVANAPURA LAKE	LAKE	KARNATAKA	0.5	6.3	6.9	7.9	4.0	11.0	330	32000			Non-Complying
3602	BELLANDUR LAKE	LAKE	KARNATAKA	0.3	6.0	6.5	7.4	5.0	65.0	460	41000000			Non-Complying
3643	BENNIGANAHALLI LAKE	LAKE	KARNATAKA	4.2	6.3	6.5	7.9	3.0	8.0	230	12000			Non-Complying
4515	BHATTARAHALLI LAKE	LAKE	KARNATAKA	4.1	6.0	7.3	8.2	4.0	10.0	130	7000			Non-Complying
3651	BHEEMSANDRA TANK	LAKE	KARNATAKA	0.3	6.2	6.6	7.3	4.0	30.0	330	110000			Non-Complying
3679	BHUTANALA LAKE	LAKE	KARNATAKA	3.4	10.3	7.8	9.0	1.0	5.4	920	920	350	540	Non-Complying
3637	BYRAMANGALA LAKE	LAKE	KARNATAKA	2.8	6.1	6.5	7.5	4.0	21.0	26	46000			Non-Complying
4507	CHELEKERE LAKE	LAKE	KARNATAKA	2.8	6.6	6.6	8.2	3.0	20.0	220	4600000			Non-Complying
4095	CHIKKABANAVARA LAKE	LAKE	KARNATAKA	0.3	6.7	6.5	7.5	4.0	81.0	340	31000			Non-Complying
4537	CHINNAKURCHI KERE	LAKE	KARNATAKA	5.1	6.9	7.1	7.9	4.0	7.0	230	12000			Non-Complying
4520	CHINNAPPANAHALLI LAKE	LAKE	KARNATAKA	4.1	6.2	6.5	8.6	4.0	10.0	210	12000			Non-Complying
3584	DALAVAI LAKE	LAKE	KARNATAKA	1.5	4.5	7.5	8.7	8.0	14.0	1200	2200			Non-Complying
4521	DEVARABEESANAHALLI LAKE	LAKE	KARNATAKA	2.2	6.8	6.8	7.8	3.0	16.0	220	27000			Non-Complying
3645	DEVARAYASAMUDRA LAKE	LAKE	KARNATAKA	0.5	6.4	6.5	7.3	3.0	8.0	330	15000			Non-Complying
4526	DEVASANDRA LAKE	LAKE	KARNATAKA	4.2	6.1	6.5	7.6	3.0	10.0	170	31000			Non-Complying
4539	DODDABIDARAKALLU LAKE	LAKE	KARNATAKA	0.3	0.6	6.2	7.5	11.0	148.0	2300	27000000			Non-Complying
4528	DODDAKANNEHALLI LAKE	LAKE	KARNATAKA	4.0	6.0	6.7	8.2	3.0	16.0	310	31000			Non-Complying
3604	DODDANEKKUNDI LAKE	LAKE	KARNATAKA	1.3	6.4	6.5	7.8	4.0	75.0	170	6300			Non-Complying
4094	GANGONDANAHALLI LAKE	LAKE	KARNATAKA	0.3	4.4	2.2	7.5	6.0	107.0	410	84000000			Non-Complying
3613	GOTTIGERE LAKE	LAKE	KARNATAKA	4.1	6.8	6.5	8.0	4.0	10.0	48	7900			Non-Complying
3654	GOTTIGERE LAKE	LAKE	KARNATAKA	0.3	6.4	6.5	7.7	4.0	19.0	270	63000			Non-Complying
4535	GUBBALAL LAKE	LAKE	KARNATAKA	3.3	7.4	6.5	8.6	3.0	11.0	400	700000			Non-Complying
3621	HARALUR LAKE	LAKE	KARNATAKA	0.3	6.6	6.5	8.0	4.0	38.0	330	33000			Non-Complying

3582	HEBBAL LAKE	LAKE	KARNATAKA	4.6	6.4	8.3	9.0	3.0	6.0	1100	1700			Non-Complying
3625	HEBBAL LAKE	LAKE	KARNATAKA	4.0	7.6	6.5	7.6	3.0	7.0	110	7900			Non-Complying
3597	HESARAGHATTA LAKE	LAKE	KARNATAKA	4.3	7.1	6.5	7.1	2.0	8.0	260	9400			Non-Complying
4536	HOSAKEREHALLI LAKE	LAKE	KARNATAKA	0.3	6.2	6.5	7.9	4.0	87.0	3100	8400000000			Non-Complying
3636	HOSKERE LAKE	LAKE	KARNATAKA	0.3	6.4	6.5	7.6	4.0	129.0	270	4600000			Non-Complying
3559	HULIKERE LAKE	LAKE	KARNATAKA	3.1	7.3	7.8	9.0	1.0	25.0	2	1498	2	2	Non-Complying
3617	HULIMAVU LAKE	LAKE	KARNATAKA	3.1	6.2	6.5	7.7	4.0	20.0	170	15000			Non-Complying
3660	HUNASINA KERE LAKE	LAKE	KARNATAKA	5.8	7.3	7.4	8.0	2.0	2.6	130	280			Complying
3609	IBBALUR LAKE	LAKE	KARNATAKA	4.2	6.8	6.9	8.2	3.0	16.0	170	4300			Non-Complying
4546	JAKKSANDRA LAKE (KASAVANAHALLI LAKE)	LAKE	KARNATAKA	5.5	5.5	6.8	6.8	4.0	4.0	4600	4600			Non-Complying
3627	JAKKUR LAKE	LAKE	KARNATAKA	2.2	6.9	6.7	7.7	4.0	30.0	2300	12000			Non-Complying
4545	JUNGU KERE (DEVARABEESANAHALLI LAKE)	LAKE	KARNATAKA	5.6	5.6	6.9	6.9	4.0	4.0	220	220			Non-Complying
4097	KACHOHALLI LAKE	LAKE	KARNATAKA	0.3	6.2	6.5	7.5	4.0	66.0	140	43000			Non-Complying
3611	KAIKONDANAHALLI LAKE	LAKE	KARNATAKA	0.3	6.5	6.8	8.4	4.0	45.0	2200	340000			Non-Complying
3616	KALENA AGRAHARA LAKE	LAKE	KARNATAKA	3.4	6.7	6.7	7.8	3.0	11.0	330	41000			Non-Complying
4540	KAMMAGONDANAHALLI LAKE	LAKE	KARNATAKA	0.3	6.1	6.5	7.4	3.0	36.0	430	2300000			Non-Complying
4530	KAMMASANDRA LAKE	LAKE	KARNATAKA	0.3	5.1	6.8	7.8	7.0	105.0	390	94000			Non-Complying
3601	KARIHOBANAHALLI LAKE	LAKE	KARNATAKA	0.3	5.8	6.7	7.1	5.0	80.0	430	220000			Non-Complying
4529	KASAVANAHALLI LAKE	LAKE	KARNATAKA	2.8	6.8	6.6	8.2	3.0	12.0	170	8400			Non-Complying
3684	KELEGERE LAKE	LAKE	KARNATAKA	7.1	7.4	7.2	8.1	3.5	4.7	70	278	19	148	Non-Complying
3680	KILLA LAKE	LAKE	KARNATAKA	4.2	7.7	7.7	8.9	1.0	4.0	350	920	150	540	Non-Complying
4543	KODI SINGASANDRA LAKE	LAKE	KARNATAKA	1.8	6.4	6.7	7.6	3.0	18.0	330	8400			Non-Complying
4511	KOGILU KERE	LAKE	KARNATAKA	3.2	6.2	6.5	7.2	4.0	31.0	270	12000			Non-Complying
3695	KONDAJJIKERE LAKE	LAKE	KARNATAKA	6.1	7.4	7.4	8.2	1.8	2.5	14	170			Complying
4544	KOTHANURU LAKE	LAKE	KARNATAKA	3.2	6.1	6.5	7.8	4.0	17.0	79	7900			Non-Complying
3583	KUKKARAHALLI LAKE	LAKE	KARNATAKA	5.5	7.0	8.2	9.0	2.0	4.5	400	1100			Non-Complying
4516	KUNDALAHALLI LAKE	LAKE	KARNATAKA	4.7	6.2	6.5	7.8	4.0	8.0	310	4600			Non-Complying
3692	KUNDUVADAKERE LAKE	LAKE	KARNATAKA	6.7	9.1	7.8	8.3	1.0	2.6	20	70			Complying
3586	LIMBHABUDI LAKE	LAKE	KARNATAKA	4.5	6.2	7.9	8.7	3.0	6.0	140	1400			Non-Complying
4538	MACHOHALLI LAKE	LAKE	KARNATAKA	0.3	5.8	6.6	7.5	5.0	390.0	2300	1100000000			Non-Complying
3635	MALATHAHALLI LAKE	LAKE	KARNATAKA	2.2	6.3	6.6	7.7	4.0	52.0	260	8400			Non-Complying
4547	MANGAMANAPALYA LAKE(SWARANA KUNTE)	LAKE	KARNATAKA	4.1	6.0	6.7	7.7	4.0	14.0	130	11000			Non-Complying
3644	MULBAGALU LAKE	LAKE	KARNATAKA	0.3	5.8	6.5	8.2	4.0	30.0	400	940000			Non-Complying
3626	NAGAVARA LAKE	LAKE	KARNATAKA	2.6	7.1	6.5	8.2	3.2	31.0	230	4700			Non-Complying
4523	NALLURAHALLI LAKE	LAKE	KARNATAKA	4.2	6.8	6.6	8.7	4.0	9.0	210	4900			Non-Complying
3646	NARASAPURA LAKE	LAKE	KARNATAKA	0.5	6.5	6.5	7.4	4.0	115.0	230	4900			Non-Complying

4509	NARASIPURA LAKE	LAKE	KARNATAKA	2.2	7.3	6.6	8.2	3.0	19.0	230	23000			Non-Complying
3685	NAVALOORU LAKE	LAKE	KARNATAKA	6.3	7.6	6.6	8.2	3.6	4.4	58	141	22	90	Non-Complying
4505	NELAMANGALA LAKE	LAKE	KARNATAKA	0.3	5.1	6.6	7.5	6.0	65.0	130	12000			Non-Complying
3687	NUGGIKERE LAKE	LAKE	KARNATAKA	6.2	6.9	7.1	8.2	3.4	4.1	58	150	27	79	Non-Complying
3620	PARAPPANA AGRAHARA LAKE	LAKE	KARNATAKA	0.3	5.8	6.7	7.8	4.0	26.0	230	480000			Non-Complying
4524	PATTANDUR AGRAHARA LAKE	LAKE	KARNATAKA	2.3	6.9	6.6	7.6	4.0	9.0	480	27000			Non-Complying
3614	PUTTENAHALLI LAKE	LAKE	KARNATAKA	3.1	6.2	6.5	7.5	3.0	12.0	230	8400			Non-Complying
3624	PUTTENAHALLI LAKE	LAKE	KARNATAKA	2.0	7.3	6.5	7.6	4.0	23.0	170	32000			Non-Complying
4510	RACHENAHALLI LAKE	LAKE	KARNATAKA	2.0	5.4	6.6	8.2	4.0	34.0	340	47000			Non-Complying
4519	RAMPURA LAKE	LAKE	KARNATAKA	0.3	4.4	6.5	7.5	11.0	134.0	460	270000			Non-Complying
4514	SADARAMANGALA LAKE	LAKE	KARNATAKA	1.6	6.6	6.5	8.2	4.0	14.0	170	6300			Non-Complying
4504	SARAKKI LAKE	LAKE	KARNATAKA	3.8	9.0	6.9	8.3	4.0	9.0	270	7000			Non-Complying
3674	SATHYAMANGALA KERE POND	LAKE	KARNATAKA	5.8	7.1	7.3	8.3	2.0	2.5	130	330			Complying
4525	SEETHARAMPALYA LAKE	LAKE	KARNATAKA	2.8	5.7	6.7	8.4	4.0	22.0	170	40000			Non-Complying
4527	SHEELAVANTA-WHITEFIELD LAKE	LAKE	KARNATAKA	0.5	6.2	6.5	8.9	4.0	38.0	410	63000			Non-Complying
3587	SHETTYKERE LAKE	LAKE	KARNATAKA	5.3	6.6	7.7	8.6	2.5	6.4	780	1700			Non-Complying
4508	SINGAPURA LAKE	LAKE	KARNATAKA	0.3	6.1	6.5	7.4	4.0	98.0	630	31000000			Non-Complying
3618	SINGASANDRA LAKE	LAKE	KARNATAKA	0.3	4.7	6.8	8.6	8.0	32.0	330	34000			Non-Complying
3622	SOMASUNDRAPALYA LAKE	LAKE	KARNATAKA	2.8	6.4	6.6	7.7	3.0	9.0	210	11000			Non-Complying
4534	SOMPURA LAKE	LAKE	KARNATAKA	4.2	6.9	7.3	7.8	4.0	7.0	140	9400			Non-Complying
3688	SUDANAKERE LAKE	LAKE	KARNATAKA	5.1	7.1	7.3	8.2	3.9	5.3	112	350	23	178	Non-Complying
4533	ULLALU LAKE	LAKE	KARNATAKA	0.3	6.4	6.5	7.8	4.0	50.0	310	23000000			Non-Complying
3593	ULSOOR LAKE TEMPLE	LAKE	KARNATAKA	0.5	6.9	6.5	9.2	4.0	26.0	630	40000			Non-Complying
1388	ULSOOR LAKE TRAINING CENTRE OF FISH BREEDING	LAKE	KARNATAKA	0.6	6.8	7.3	9.3	4.0	17.4	460	94000			Non-Complying
3690	UNAKALKERE LAKE	LAKE	KARNATAKA	7.1	7.3	7.3	8.2	3.3	3.8	52	186	33	71	Non-Complying
3640	UTTARAHALLI DORAİKERE	LAKE	KARNATAKA	0.3	6.1	6.3	8.8	4.0	174.0	270	84000			Non-Complying
3608	VARTHUR LAKE	LAKE	KARNATAKA	0.3	5.8	6.5	7.6	4.0	102.0	3400	33000000			Non-Complying
3632	VEERAPURA TANK	LAKE	KARNATAKA	1.9	6.3	6.5	7.3	3.0	51.0	49	15000			Non-Complying
3603	VENGAİYYANAKERE(KR PURAM LAKE)	LAKE	KARNATAKA	0.3	5.2	6.5	7.5	4.0	90.0	310	220000			Non-Complying
4522	VIBHUTHIPURA LAKE	LAKE	KARNATAKA	2.4	6.9	6.5	8.5	4.0	22.0	140	2200			Non-Complying
4512	VISWANEEDAM LAKE	LAKE	KARNATAKA	0.3	6.0	6.5	7.5	5.0	104.0	430	3400000			Non-Complying
3638	YELACHENAHALLI LAKE	LAKE	KARNATAKA	3.9	6.6	6.5	8.6	3.0	12.0	310	7000			Non-Complying
3605	YELEMALLAPPA SHETTY LAKE	LAKE	KARNATAKA	0.3	6.3	6.5	7.5	4.0	45.0	170	23000000			Non-Complying
3585	YENNEHOLE LAKE	LAKE	KARNATAKA	0.9	4.3	7.6	8.7	9.0	24.0	940	2500			Non-Complying
3682	KAKATI POND	POND	KARNATAKA	3.3	7.9	8.3	9.4	1.0	7.5	430	1840	280	1080	Non-Complying
3670	AINORAKATTE KERE	TANK	KARNATAKA	4.0	5.8	7.3	7.9	2.6	5.6	320	680			Non-Complying

3623	ANEKAL DODDAKERE TANK	TANK	KARNATAKA	3.0	6.5	6.6	8.2	4.0	13.0	210	6300			Non-Complying
3681	ANGOL MI TANK	TANK	KARNATAKA	0.3	2.1	6.8	8.3	3.9	67.0	1840	1840	1080	1080	Non-Complying
3673	AVALI KERE	TANK	KARNATAKA	1.9	4.6	7.3	8.0	3.6	16.0	110	680			Non-Complying
3675	B KATHIHALLI KERE	TANK	KARNATAKA	6.3	7.4	7.3	8.0	2.3	2.7	94	400			Complying
3664	BASAVANAHALLIKERE TANK	TANK	KARNATAKA	5.8	7.4	7.7	8.2	2.0	2.6	94	220			Complying
3619	BEGUR TANK	TANK	KARNATAKA	3.2	6.3	6.6	7.6	4.0	13.0	230	9400			Non-Complying
3693	BHATHIKERE TANK	TANK	KARNATAKA	1.9	6.9	6.6	7.9	2.0	5.2	240	6300			Non-Complying
3595	BYRASANDRA TANK	TANK	KARNATAKA	1.2	5.3	6.5	8.5	4.0	27.0	310	27000			Non-Complying
4532	CHANDAPURA LAKE	TANK	KARNATAKA	0.3	6.1	6.7	7.7	4.0	105.0	170	270000			Non-Complying
3606	DASARAHALLI TANK	TANK	KARNATAKA	3.3	6.3	6.1	6.9	3.0	14.0	170	110000			Non-Complying
3634	DEVARAKERE TANK	TANK	KARNATAKA	2.9	7.1	6.5	8.0	3.0	21.0	210	12000			Non-Complying
3641	DHOREKERE TANK	TANK	KARNATAKA	0.3	6.8	6.6	8.6	4.0	54.0	1700	12000			Non-Complying
3653	DODDAKERE TANK(KUNIGAL)	TANK	KARNATAKA	4.4	6.4	6.5	8.2	3.0	7.0	340	8400			Non-Complying
3666	GANIGARAHOSAHALLIKERE TANK	TANK	KARNATAKA	6.2	7.3	7.6	8.0	2.0	2.5	140	320			Complying
4518	GARUDACHARPALYA TANK	TANK	KARNATAKA	0.5	5.9	6.7	8.2	4.0	15.0	110	7900			Non-Complying
3561	HANDIKERE (KOPPAL) TANK	TANK	KARNATAKA	2.4	7.3	8.1	9.1	3.0	30.0	2	1356	2	1014	Non-Complying
3671	HANUMANTHAPURAKATTE TANK	TANK	KARNATAKA	5.8	6.8	7.4	7.8	2.0	2.5	210	320			Complying
3683	HEREKERE TANK	TANK	KARNATAKA	4.4	4.9	7.5	7.9	19.0	36.0	161	542	94	270	Non-Complying
3598	HEROHALLI TANK	TANK	KARNATAKA	0.5	6.8	6.5	7.4	3.0	87.0	170	7900			Non-Complying
3642	JIGANI TANK	TANK	KARNATAKA	4.3	6.2	6.5	7.4	4.0	7.0	130	4800			Non-Complying
3663	JOLADAKATTE TANK	TANK	KARNATAKA	5.0	6.9	7.6	8.2	2.0	3.0	140	340			Complying
3607	KALKERE TANK	TANK	KARNATAKA	0.3	5.6	6.8	8.9	4.0	36.0	330	270000			Non-Complying
3657	KANCHANAHALLI KOPPALU KERE	TANK	KARNATAKA	1.5	6.2	7.2	8.0	2.5	8.0	93	340			Non-Complying
3588	KARANJIKERE TANK	TANK	KARNATAKA	5.0	6.9	7.9	8.8	2.0	4.0	380	1100			Non-Complying
3591	KEMPAMBUDHI TANK	TANK	KARNATAKA	2.5	6.4	6.5	8.1	4.0	15.0	340	15000			Non-Complying
3639	KENGERI TANK	TANK	KARNATAKA	0.3	5.3	6.5	7.8	4.0	77.0	220	330000000			Non-Complying
3661	KOKKANAGHATTADODDAKERE TANK	TANK	KARNATAKA	4.0	7.0	7.6	8.6	2.8	5.1	93	400			Non-Complying
3662	KOUSHIKA KERE	TANK	KARNATAKA	6.2	7.8	7.5	8.2	2.0	2.4	94	220			Complying
4517	KOWDHENAHALLI TANK	TANK	KARNATAKA	0.3	6.8	6.5	8.8	3.0	32.0	310	79000			Non-Complying
3590	LALBAGH TANK	TANK	KARNATAKA	3.5	6.7	6.9	8.4	4.0	8.0	170	6300			Non-Complying
3665	LINGAPPANAKATTE TANK	TANK	KARNATAKA	6.0	7.4	7.5	8.1	2.0	3.0	98	260			Complying
4503	MADHURE TANK	TANK	KARNATAKA	4.5	6.4	6.5	7.7	3.0	8.0	230	15000			Non-Complying
3589	MADIWALA TANK	TANK	KARNATAKA	2.2	6.6	6.9	8.2	4.0	32.0	230	12000			Non-Complying
3659	MAKANA (KANDALI) KERE	TANK	KARNATAKA	1.0	5.8	7.2	7.8	3.1	9.4	400	3300			Non-Complying
4092	MANCHALAPUR TANK, MANCHALAPUR, RAICHUR	TANK	KARNATAKA	5.8	10.7	7.1	9.3	4.0	24.0	170	54000	90	90	Non-Complying

3697	MATADAKERE TANK (ARASANAKERE)	TANK	KARNATAKA	7.2	8.2	7.4	9.3	4.8	28.0	79	60000			Non-Complying
3560	MAVINAKERE TANK	TANK	KARNATAKA	5.0	10.8	7.5	9.3	4.0	24.0	170	110000	110	110	Non-Complying
3650	MELEKOTE TANK	TANK	KARNATAKA	0.5	6.3	6.6	7.6	4.0	38.0	330	27000			Non-Complying
3648	MYDALA TANK	TANK	KARNATAKA	4.0	7.2	6.5	8.2	3.4	9.0	170	46000			Non-Complying
3596	NAYANDANAHALLI TANK	TANK	KARNATAKA	0.3	6.8	5.7	8.1	4.0	23.0	630	130000			Non-Complying
3686	NIRASAGARAKERE TANK	TANK	KARNATAKA	7.3	7.6	7.2	8.1	2.2	2.7	6	30	2	14	Complying
3669	PEREMANAHALLI KERE	TANK	KARNATAKA	5.2	6.9	7.3	8.1	2.0	2.5	93	320			Complying
3565	PILIKULA TANK	TANK	KARNATAKA	6.4	7.9	6.7	7.8	3.0	3.0	11	84			Complying
4502	RAMAMMANA KERE	TANK	KARNATAKA	0.3	6.8	7.0	7.9	4.0	32.0	330	9400			Non-Complying
4513	RAMAMMANA KERE	TANK	KARNATAKA	0.3	6.3	6.5	7.0	3.0	22.0	170	460000			Non-Complying
4531	RAYASANDRA LAKE	TANK	KARNATAKA	0.3	5.9	6.7	7.8	5.0	99.0	210	4700000			Non-Complying
3676	SAHANA LAKE	TANK	KARNATAKA	5.9	7.3	7.5	8.2	1.8	2.4	140	260			Complying
4498	SANAVALLI DAM, MUNGOD	TANK	KARNATAKA	7.1	7.3	6.9	7.4	2.1	2.6	4	22	2	8	Complying
3672	SANKALAPURAKERE TANK	TANK	KARNATAKA	6.5	7.6	7.5	7.8	2.0	2.6	220	330			Complying
3594	SANKEY TANK	TANK	KARNATAKA	4.7	7.0	6.7	7.7	3.0	6.0	49	4600			Non-Complying
3667	SATHENAHALLIDODDAKE RE TANK	TANK	KARNATAKA	5.2	6.8	7.5	8.1	2.5	4.1	170	470			Non-Complying
3694	SHANTHISAGARKERE TANK	TANK	KARNATAKA	6.8	7.3	6.9	8.3	1.6	3.0	13	170			Complying
3677	SHARANABASAVESHWAR A KERE TANK	TANK	KARNATAKA	6.0	7.8	6.9	8.9	3.0	15.0	140	7000			Non-Complying
3600	SHIVAPURA TANK	TANK	KARNATAKA	0.3	4.8	6.8	7.4	8.0	87.0	220	94000			Non-Complying
3668	SODHARAHALLIKERE	TANK	KARNATAKA	1.8	6.0	7.3	8.2	3.0	8.0	200	780			Non-Complying
3689	SOMESHWARAKERE TANK	TANK	KARNATAKA	5.1	6.6	7.1	7.9	5.1	8.1	63	220	33	102	Non-Complying
3633	SUBRAMANYAPURA TANK	TANK	KARNATAKA	0.3	5.0	6.6	7.6	5.0	90.0	460	6300000			Non-Complying
3610	TUBARAHALLI TANK	TANK	KARNATAKA	0.3	6.0	6.6	8.0	4.0	14.0	330	4600			Non-Complying
3691	VIMANABHUTHIKERE TANK	TANK	KARNATAKA	6.8	8.5	7.3	8.5	1.0	3.0	13	47			Complying
3592	YEDIYUR TANK	TANK	KARNATAKA	3.2	6.8	6.9	8.4	4.0	11.0	310	6300			Non-Complying
3630	YELAHANKA TANK	TANK	KARNATAKA	2.0	6.5	6.7	8.1	4.0	19.0	230	12000			Non-Complying