

ಫ್ಯಾಕ್ಸ್ / Fax : 080-25586321

ಈಮೇಲ್ / Email : ho@kspcb.gov.in

ವೆಬ್‌ಸೈಟ್ / Website : http://kspcb.gov.in



080-25581383, 25589112
080-25589113, 25589114

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ Karnataka State Pollution Control Board

"ಪರಿಸರ ಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
"Parisara Bhavan", 1st to 5th Floor, # 49, Church Street, Bangalore - 560 001, Karnataka State, India

No. KSPCB/7/NGT-LEA/2019/ 4723

Date: 25 JAN 2021

To,
The Registrar,
National Green Tribunal,
Principal Bench
Faridkot House, Copernicus Mark,
New Delhi - 110 001.

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Respected Sir,

Sub: Furnishing action taken report of Kudlu Chikka Kere Lake at Sy. No. 70 of Kudlu Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District Karnataka State in respect of Original Application No. 41/2019.



As directed by the Hon'ble NGT, Principal Bench, New Delhi in OA No. 41/2019 the action taken report, in respect of Kudlu Chikka Kere Lake at Sy. No. 70 of Kudlu Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District, herewith attached for your kind perusal and with a request to place the same before the Hon'ble NGT, Principal Bench, New Delhi.

Regards,

Sincerely,

Sd/-
Member Secretary,
KSPCB, Bangalore.

Encl: Letter addressed to BBMP and lake water quality analysis report.

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Copy to:

1. The RESO – Bengaluru South, for information and to follow up for compliance of NGT order.
2. The RO – Sarjapura, for information and to follow up for compliance of NGT order.
3. The Joint Commissioner - BBMP, Bommanahalli zone, Bengaluru, for information & necessary action.
4. The Assistant Director - ADLR, Anekal Taluk, Bengaluru, for information & and to comply with NGT order.
5. The Assistant Commissioner – Kandhaya Bhavan, Bengaluru, for information & necessary action.
6. Thashildhar, Anekal Taluk, Bengaluru, for information & necessary action.
7. Legal Section for information and brought to the notice of concerned Advocate & Hon'NGT.


Member Secretary

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Action taken report on Kudlu Chikka Kere Lake at Sy. No. 70 of Kudlu Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District Karnataka State in compliance to the directions issued by Hon'ble NGT in Original application No. 41/2019.

Ref: NGT Order dated 01.07.2020 in respect of OA No. 41/2019.



In accordance with the directions issued by National Green Tribunal, Principal Bench, New Delhi in respect of Kudlu Chikka Kere Lake located at Sy. No. 70 of Kudlu Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District Karnataka State and presently it comes under ward No. 191 of BBMP limits, it is respectfully submitted here that, the extent of the Kudlu Lake is 13Acres and 05 Guntas as per the information furnished by the BBMP.

1. It is respectfully submitted here that, previous action taken report has already been submitted by the Board to the Registrar, Hon'ble NGT vide No.6238 dated: 28.02.2020.
2. Further , Hon'ble NGT, Principal Bench, New Delhi had passed an order dated 01.07.2020 & have recommended to give suitable directions from the Board office to the Commissioner, BBMP to take action against from their end for the illegal constructions taken in the buffer area of Kudlu Chikkere lakes as per the provisions of the relevant Acts & Rules.
3. In continuation, to the Hon'ble NGT order, it is respectfully submitted here that, the Board had addressed a letter to Commissioner of BBMP with an intimation to take action on the illegal construction in the buffer zone of Kudlu Chikkere lake and to provide permanent barricade/barrier at all the entry points in to the lake to avoid sewage entry into the lake vide No. 4642 dated: 21.01.2021. The copy of the letter addressed to the Commissioner of BBMP is herewith enclosed for kind reference.

4. Kudlu Chikkakere lake water samples have been collected on 04.02.2020. and analyzed by Central Environmental Laboratory. The analysis report reveals that, the lake water is conforming to Class D standards(Class D – Propagation of Wild life & Fisheries,). The analysis report is here with enclosed for kind reference.

The action taken report as on 25.01.2021 is humbly submitted for placing it before the Hon'ble NGT, Principal Bench, New Delhi for necessary action.


MEMBER SECRETARY

KARNATAKA STATE POLLUTION CONTROL BOARD









ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

“ಪರಿಸರ ಭವನ”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
“Parisara Bhavan”, 1st to 5th Floor, # 49, Church Street, Bangalore - 560 001, Karnataka State, India

OA No. 41/ Kudlu Chikkare lake
No.KSPCB/07/NGT-LEA/2019/ 4642

Date:

21 JAN 2021

To
The Commissioner,
Bruhat Bangalore Mahanagara Palike,
Hudson Circle,
Bengaluru.

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Sir,

Sub: Bypassing of sewage without treatment at Kudlu Chikkere Lake-Reg.

- Ref: 1. Hon'ble National Green Tribunal, Principal Bench, New Delhi pertaining to
OA. No. 41/2019 dated: 11.12.2019.
2. Inspection of the Kudlu Chikkakere Lake by the RO, Sarjapura on
09.06.2020.
3. RO, Sarjapura letter addressed to Joint Commissioner No.923 dated:
17.02.2020.

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With reference to the above subject, it is to be informed that Hon'ble NGT has issued an Order in respect of OA No.41 of 2019 for removal of illegal construction/encroachments and preventing garbage and sewage entering into the Kudlu Chikkakere Lake.

However, a letter was also addressed by the RO, Sarjapura to Joint Commissioner, BBMP, Bommanahalli Zone to take action on the illegal construction in the buffore zone of Kudlu Chikkakere Lake. Further, during previous inspection by RO, Sarjapura, on 09.06.2020 it was informed to provide permanent barricade/barrier at all the entry points into the lake to avoid sewage entry into the lake. So far, we have not received any updates from your end on the same.

Hence, once again you are informed to take immediate steps in complying with NGT order OA No.41 of 2019 and look into the issues personally. As per the records of the Board, BBMP has not taken consent of the Board for 500 KLD STP. You are also informed to apply and obtain consent for the same and requested to submit action taken report within 07 days positively.

The receipt of this letter may please be acknowledged.

Yours faithfully,

Sd/-

Member Secretary.

- Copy to: 1. RSEO, Bengaluru South, KSPCB, for information and to pursue the matter with R.O for compliance.
2. Regional Officer, Sarjapura, KSPCB to inspect the area and pursue with the BBMP Joint Commissioner to take steps to remove illegal construction and also to submit the action taken report.
3. Office copy.


Senior Environmental Officer.



KARNATAKA STATE POLLUTION CONTROL BOARD
CENTRAL ENVIRONMENTAL LABORATORY
Legal 42(3)/87, E (P) ACT, 1986 RECOGNISED ENVIRONMENTAL LABORATORY
AN ISO/IEC 17025:2017 (NABL) ACCREDITED LABORATORY &
IS 15001:2007 CERTIFIED LABORATORY

Email: central@kspcb.karnataka.gov.in
Website: kspcb.karnataka.gov.in
K. S. P. C. B., Sarjapura Hobli,
Bengaluru Urban District - 560035
1st Floor, Hemant Road
Sarjapura, Bangalore - 560035

ANALYSIS REPORT

Date: 17-02-2020

NAME OF THE LAKE :	Kudlu Chikkekere Lake, Kudlu Village, Sarajapura Hobli, Anekal Tq, Bengaluru Urban District.	Page 1 of 1
SAMPLE COLLECTED BY :	RO: Sarjapura	DATE OF COMMENCEMENT OF TEST: 05-12-2019
DATE OF COLLECTION :	04-02-2020	DATE OF COMPLETION OF TEST: 13-02-2020
DATE OF RECEIPT :	05-02-2020	SAMPLE REPORT NO: W-2894
PARTICULARS :	Lake Water sample collected at North side	SAMPLE NO: W-2894

Sl No	Parameters	Unit	Water Quality Criteria					Results	Range of testing/Limit of Detection	Test Method
			A	B	C	D	E			
1	pH@25° C	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	9.0	2 to 12 Unit	IS 3025 (Part 11): 2002
2	Conductivity@25° C	µS/cm	-	-	-	-	2250	782	10 to 5000 µS/cm	IS 3025 (Part 14): 2013
3	Dissolved Oxygen	mg/L	6	5	4	4	-	6.8	0.5 to 20 mg/L	IS 3025 (Part 38): 2003
4	Biochemical Oxygen Demand (5 days @ 27 °C)	mg/L	2	3	3	-	-	18	2 to 300 mg/L	APHA 23 rd Edition (Part 4500-D-G): 2017
5	Free Ammonia as N*	mg/L	-	-	-	1.2	-	0.07	0.0005 to 0.283 mg/L	APHA(23 rd Edition (4500 NH ₃ -D): 2017
6	Sodium Absorption Ratio*	-	-	-	-	-	26	4.0	-	IS 11624-1986
7	Boron as B	mg/L	-	-	-	-	2.0	BDL	0.1 to 10 mg/L	APHA 23 rd Edition (Part 4500B B): 2017
8	Total Coliform	MPN /100ml	50	500	5000	-	-	540x10 ²	Qualitative (<1.8 to >1600 MPN/100 ml)	APHA 23 rd edition (Part 9221 A, B, C) 9-68 to 9-75: 2017

INFERENCE Conforms to Class "D"- Propagation of Wild Life, Fisheries

- Note 1. The above results pertain only to the sample tested.
 2. The report shall not be reproduced without the written approval of Head of the laboratory.
 3. *- Tests are not under the scope of NABL Accreditation.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report.
 5. Decision Rule: "Statement of conformity applies only to analysis of results which meets the standards stipulated by regulatory authority".
 6. BDL: Below Detection Level. Boron as B: 0.1.

Radha M.N
Authorized Signatory (Biological)
(Radha M.N)
Assistant Scientific Officer

Farhat Jabeen
Authorized Signatory (Chemical)
(Farhat Jabeen)
Deputy Scientific Officer



ANALYSIS REPORT

Date: 17-02-2020

NAME OF THE LAKE :	Kudlu Chikkekere Lake, Kudlu Village, Sarajapura Hobli, Anekal Tq, Bengaluru Urban District.	Page 1 of 1
SAMPLE COLLECTED BY :	RO: Sarjapura	DATE OF COMMENCEMENT OF TEST: 05-12-2019
DATE OF COLLECTION :	04-02-2020	DATE OF COMPLETION OF TEST: 13-02-2020
DATE OF RECEIPT :	05-02-2020	SAMPLE REPORT NO: W-2893
PARTICULARS :	Lake Water sample collected at West side	SAMPLE NO : W-2893

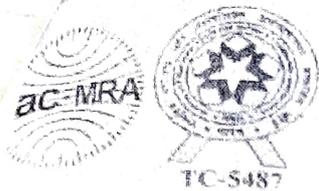
Sl No	Parameters	Unit	Water Quality Criteria					Results	Range of testing/Limit of Detection	Test Method
			A	B	C	D	E			
1.	pH@25° C	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	9.0	2 to 12 Unit	IS 3025 (Part 11): 2002
2.	Conductivity@25° C	µs/cm	-	-	-	-	2250	779	10 to 5000 µs/cm	IS 3025 (Part 14): 2013
3.	Dissolved Oxygen	mg/L	6	5	4	4	-	6.0	0.5 to 20 mg/L	IS 3025 (Part 38): 2003
4.	Biochemical Oxygen Demand (3 days @ 27° C)	mg/L	2	3	3	-	-	19	2 to 300 mg/L	APHA 23 rd Edition (Part 4500-O- G): 2017
5.	Free Ammonia as N*	mg/L	-	-	-	1.2	-	0.06	0.0005 to 0.283 mg/L	APHA (23 rd Edition (4500 NH ₃ D): 2017
6.	Sodium Absorption Ratio*	-	-	-	-	-	26	4.0	-	IS 11624-1986
7.	Boron as B	mg/L	-	-	-	-	2.0	BDL	0.1 to 10 mg/L	APHA 23 rd Edition (Part 4500B B): 2017
8.	Total Coliform	MPN /100ml	50	500	5000	-	-	350x10 ²	Qualitative (<1.8 to >1600 MPN/100 ml)	APHA 23 rd edition (Part 9221 A, B, C) 9-68 to 9-75: 2017

INFERENCE | Conforms to Class "D"- Propagation of Wild Life, Fisheries

- Note 1. The above results pertain only to the sample tested.
 2. The report shall not be reproduced without the written approval of Head of the laboratory.
 3. * - Tests are not under the scope of NABL Accreditation.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report.
 5. Decision Rule: "Statement of conformity applies only to analysis of results which meets the standards stipulated by regulatory authority".
 6. BDL: Below Detection Level. Boron as B: 0.1

Radha M.N
 Authorized Signatory (Biological)
 (Radha M.N)
 Assistant Scientific Officer

Farhath Jabeen
 Authorized Signatory (Chemical)
 (Farhath Jabeen)
 Deputy Scientific Officer



KARNATAKA STATE POLLUTION CONTROL BOARD
CENTRAL ENVIRONMENTAL LABORATORY

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Email: centrallab@kspcb.gov.in
Website: <http://kspcb.gov.in>

Address: K. S. P. C. B., "Nisarga Bhawan",
7th D Cross, Thimmamiah Road,
Shivanagar, Bangalore - 560079

ANALYSIS REPORT

Date: 17-02-2020

NAME OF THE LAKE :	Kudlu Chikkekere Lake, Kudlu Village, Sarajapura Hobli, Anekal Tq, Bengaluru Urban District.	Page 1 of 1
SAMPLE COLLECTED BY :	RO: Sarjapura	DATE OF COMMENCEMENT OF TEST: 05-12-2019
DATE OF COLLECTION :	04-02-2020	DATE OF COMPLETION OF TEST:13-02-2020
DATE OF RECEIPT :	05-02-2020	SAMPLE REPORT NO:W-2892
PARTICULARS :	Lake Water sample collected at East side	SAMPLE NO :W-2892

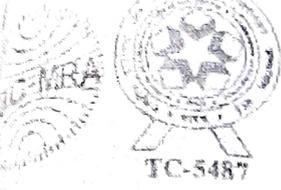
Sl No	Parameters	Unit	Water Quality Criteria					Results	Range of testing/Limit of Detection	Test Method
			A	B	C	D	E			
1	pH@25° C	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	8.9	2 to 12 Unit	IS 3025 (Part 1): 2002
2	Conductivity@25° C	µs/cm	-	-	-	-	2250	758	10 to 5000 µs/cm	IS 3025 (Part 14): 2013
3	Dissolved Oxygen	mg/L	6	5	4	4	-	6.5	0.5 to 20 mg/L	IS 3025 (Part 38): 2003
4	Biochemical Oxygen Demand (3 days @ 27° C)	mg/L	2	3	3	-	-	20	2 to 300 mg/L	APHA 23 rd Edition (Part 4500-O- G): 2017
5	Free Ammonia as N*	mg/L	-	-	-	1.2	-	0.09	0.0005 to 0.283 mg/L	APHA(23 rd Edition (4500 NH ₃ D): 2017
	Sodium Absorption Ratio*	-	-	-	-	-	26	4.0	-	IS:11624-1986
	Boron as B	mg/L	-	-	-	-	2.0	BDL	0.1 to 10 mg/L	APHA 23 rd Edition (Part 4500B B): 2017
	Total Coliform	MPN /100ml	50	500	5000	-	-	920x10 ²	Qualitative (<1.8 to >1600 MPN/100 ml)	APHA 23 rd edition (Part 9221 A, B, C) 9-68 to 9-75: 2017

CONCLUSION: Conforms to Class "D". Propagation of Wild Life, Fisheries

- Note 1. The above results pertain only to the sample tested.
 2. The report shall not be reproduced without the written approval of Head of the laboratory.
 3. * - Tests are not under the scope of NABL Accreditation.
 4. Samples will be stored for a period of 15 days from the date of dispatch of report.
 5. Decision Rule: "Statement of conformity applies only to analysis of results which meets the standards stipulated by regulatory authority".
 6. BDL: Below Detection Level. Boron as B: 0.1.

Radha M.N
 Authorized Signatory (Biological)
 (Radha M.N)
 Assistant Scientific Officer

Farhath Jabeen
 Authorized Signatory (Chemical)
 (Farhath Jabeen)
 Deputy Scientific Officer



ANALYSIS REPORT

Date: 17-02-2020

NAME OF THE LAKE:	Kudlu Chikkekere Lake, Kudlu Village, Sarajapura Hobli, Anekal Tq, Bengaluru Urban District.	Page 1 of 1
SAMPLE COLLECTED BY:	RO: Sarjapura	DATE OF COMMENCEMENT OF TEST: 05-12-2019
DATE OF COLLECTION:	04-02-2020	DATE OF COMPLETION OF TEST: 13-02-2020
DATE OF RECEIPT:	05-02-2020	SAMPLE REPORT NO W-2895
REMARKS:	Lake Water sample collected at South side	SAMPLE NO AW-2895

Parameters	Unit	Water Quality Criteria					Results	Range of testing/Limit of Detection	Test Method
		A	B	C	D	E			
pH @ 25° C	-	6.5-8.5	6.5-8.5	6.0-9.0	6.5-8.5	6.0-8.5	9.1	2 to 12 Unit	IS 3025 (Part 11): 2002
Conductivity @ 25° C	µs/cm	-	-	-	-	2250	769	10 to 5000 µs/cm	IS 3025 (Part 14): 2013
Dissolved Oxygen	mg/L	6	5	4	4	-	6.6	0.5 to 20 mg/L	IS 3025 (Part 38): 2003
Biochemical Oxygen Demand (5 days @ 27° C)	mg/L	2	3	3	-	-	18	2 to 300 mg/L	APHA 23 rd Edition (Part 4500-O) 2017
Free Ammonia as N*	mg/L	-	-	-	1.2	-	0.08	0.0005 to 0.283 mg/L	APHA 23 rd Edition (4500 NH ₃ -D) 2017
Sulfan Absorption Ratio*	-	-	-	-	-	26	3.44	-	IS 11624-1986
Boron as B	mg/L	-	-	-	-	2.0	BDL	0.1 to 10 mg/L	APHA 23 rd Edition (Part 4500B B) 2017
Total Cellform	MPN /100ml	50	500	5000	-	-	920x10 ²	Qualitative (<1.8 to >1600 MPN/100 ml)	APHA 23 rd edition (Part 9221 A, B, C) 9-68 to 9-75 2017

INFERENCE: Conforms to Class "D"- Propagation of Wild Life, Fisheries

- Note 1. The above results pertain only to the sample tested.
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 Authorized Signatory (Biological)
 (Radha M.N)
 Assistant Scientific Officer

Farhath Jabeen
 Authorized Signatory (Chemical)
 (Farhath Jabeen)
 Deputy Scientific Officer

---End Of Report---