

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI
ORIGINAL APPLICATION No. 614 OF 2018**

IN THE MATTER OF:

Lubna Sarwath

....

Applicant

Versus

Govt of Telangana

....

Respondent

REPORT ON BEHALF OF TELANGANA STATE POLLUTION CONTROL BOARD

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Place: Hyderabad

Date: 07-12-2021.

REPORT DATED 04-12-2021 OF THE TELANGANA STATE POLLUTION CONTROL BOARD IN O A No. OF 614 OF 2018 FILED BY DR.LUBNA SARWATH, SOUL ON BUM-RUKN-UD-DOWLA LAKE AT RAJENDRANAGAR, HYDERABAD

The Hon'ble NGT has taken Suo Motu of the mails sent by the SOUL represented by Dr.Lubna Sarwath, an NGO organization on "Bum-Rukn-Ud-Dowla", Rajendranagar, RR Dist and numbered the case as Original Application No.614 of 2018.

The Hon'ble NGT vide Order dated 15.06.2021 directed for submission of compliance status report regarding diversion of sewage being discharged into the lake to the destined STP and the treated sewage is utilized and the water quality of the lake is improved to at least category 'C'.

The TSPCB addressed letters dated 17.06.2021, 23.09.2021 and 13.10.2021 to the Municipal Administration & Urban Development (MA&UD) Dept., Govt of Telangana, Greater Hyderabad Municipal Corporation (GHMC) and other stake holder departments to take necessary action for compliance of the Hon'ble NGT directions and submit the compliance status report before the Hon'ble NGT.

It is to submit that the Board Officials have inspected the Bum-Rukn-Ud-Dowla Lake on 26.11.2021 and observed the following: -

1. The Greater Hyderabad Municipal Corporation (GHMC) Officials have laid two diversion pipelines.
 - One diversion box channel is laid from Kings Colony to Rasheed Colony with 340 mtrs length. No sewage water is joining into the lake from kings colony & Rasheed colony.
 - Another pipe line coming from Raghavendra colony to the existing box drain is completed. No sewage water is entering in the lake from Raghavendra Colony.
 - The entire sewage water is diverted from the lake through above two diversion lines and finally joining STP at Mir-Alam Tank for treatment.
 - The hydraulic load of the lake can be maintained as there is a provision of entering of rain water into the lake by gravity.

2. The construction & demolition waste which was earlier lying near the lake has been removed and no further dumping was observed.
3. The GHMC Officials have installed 4 no. of C.C.T.V Cameras to monitor the illegal dumping of C&D Waste.
4. The fencing work is partly provided for the Bum-Rukn-Ud-Dowla Lake. The North Tank Division (NTD), Irrigation & Command Area Development (I&CAD) Department has provided 150 mtrs fencing out of total length of 1050 mtrs. Sri. Viswam, Assistant Engineer (AE), Irrigation Dept., Kattedan has informed that the remaining 900 mtrs could not be taken up due to Stay Order from the Hon'ble High Court.
5. The Board officials collected lake samples on 26.11.2021 and the analysis report is enclosed (**Annexure-I**). The analysis report indicates, the lake water quality as Class 'D'. Due to measures taken, the water quality of the lake improved from Class 'E' to Class 'D'.
6. Photographs of the lake and surroundings are enclosed (**Annexure-II**).

The Board will continue regular monitoring of lake water quality and the analysis reports will be communicated to the concerned Departments for maintaining the water quality.

Sd/-
MEMBER SECRETARY

Place: Hyderabad.

Date: 04-12-2021.

// T.C.F.B.O //

K. Reddy

**JOINT CHIEF ENVIRONMENTAL ENGINEER-II,
TSPCB, HEAD OFFICE, HYD.**



TELANGANA STATE POLLUTION CONTROL BOARD
Paryavaran Bhavan, A-3, Industrial Estate, Sanathnagar, Hyderabad – 500 018
Ph: 040-23887500.

CENTRAL LABORATORY

Analysis Report

Reg. No. SR/05/TSPCB/HO/R00/LAB/2021/211397
Collected on: 26/11/2021
Test method: Standard Methods of APHA, 23rd Edition
Issue date: 30/11/2021

Collected by: AES-3, RO, RRD
Received on: 26/11/2021
Quantity of the sample: 1 Ltr. sample each
Page No: 1 of 1

Sample code : Sample details / collection point

2111397 - Water sample collected from Bum-Rukn-ud-dowla Lake, Shivarampally

Parameters	Unit	Results
		2111397
pH	-	8.0
Electrical conductivity	µS/cm	2245
Dissolved oxygen	mg/L	4.3
Chemical Oxygen Demand	mg/L	150
BOD 3 at 27°C	mg/L	34
Total Suspended Solids	mg/L	10
Total Dissolved Solids	mg/L	1272
Nitrates	mg/L	18
Boron	mg/L	BDL
Free Ammonia	mg/L	0.52
SAR	-	1.8
Total coliform	MPN/100ml	540
Fecal coliform	MPN/100ml	130
CPCB water quality criteria class		D

Note: Results related to sample as received
BDL: Below Detectable Limit

CPCB Water Quality Criteria					
Parameters	A	B	C	D	E
pH	6.5 – 8.5	6.5 – 8.5	6.0 – 9.0	6.5 – 8.5	6.0 – 8.5
Electrical conductivity	-	-	-	-	Max 2250
Dissolved oxygen	6 or >6	5 or >5	4 or >4	4 or >4	-
BOD 3 at 27°C	2 or <2	3 or <3	3 or <3	-	-
Free Ammonia	-	-	-	1.2 or <1.2	-
SAR	-	-	-	-	Max 26
Boron	-	-	-	-	Max 2
Total coliform	50 or < 50	500 or < 500	5000 or < 5000	-	-

CPCB Water Quality Criteria:

- A-Drinking Water Source without conventional treatment but after disinfection
- B-Outdoor bathing (Organised)
- C-Drinking water source after conventional treatment and disinfection
- D-Propagation of Wild life and Fisheries
- E-Irrigation, Industrial Cooling, Controlled Waste disposal
- Below E : Not meeting A, B, C, D, E criteria

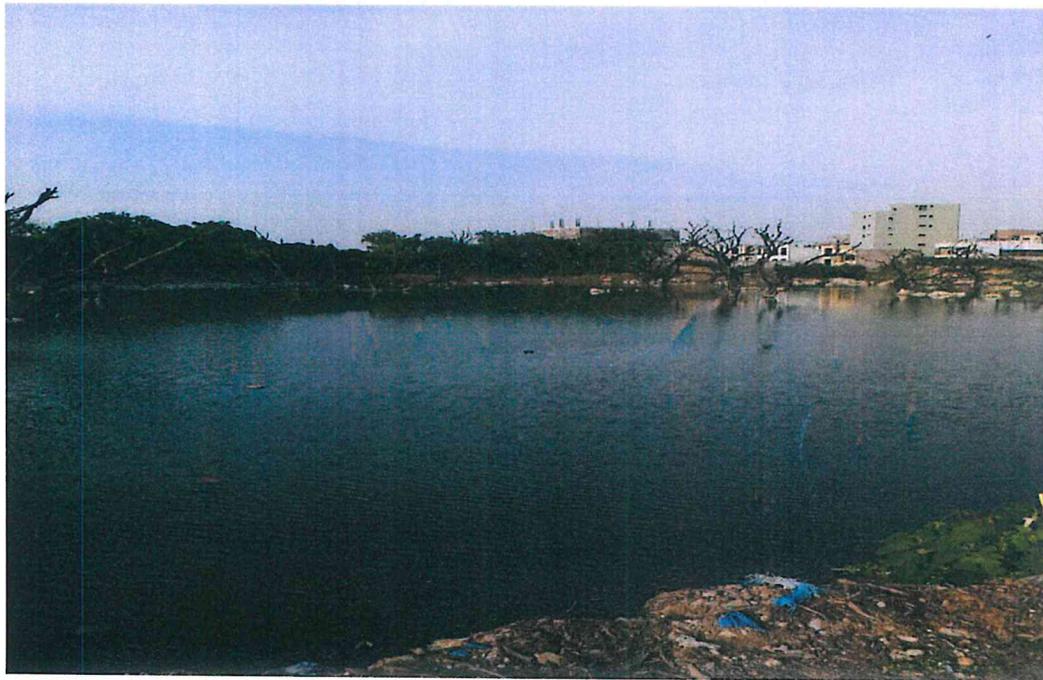

(Dr. M. S. Satyanarayana Rao)
Joint Chief Environmental Scientist

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ANNEXURE-II



Lake

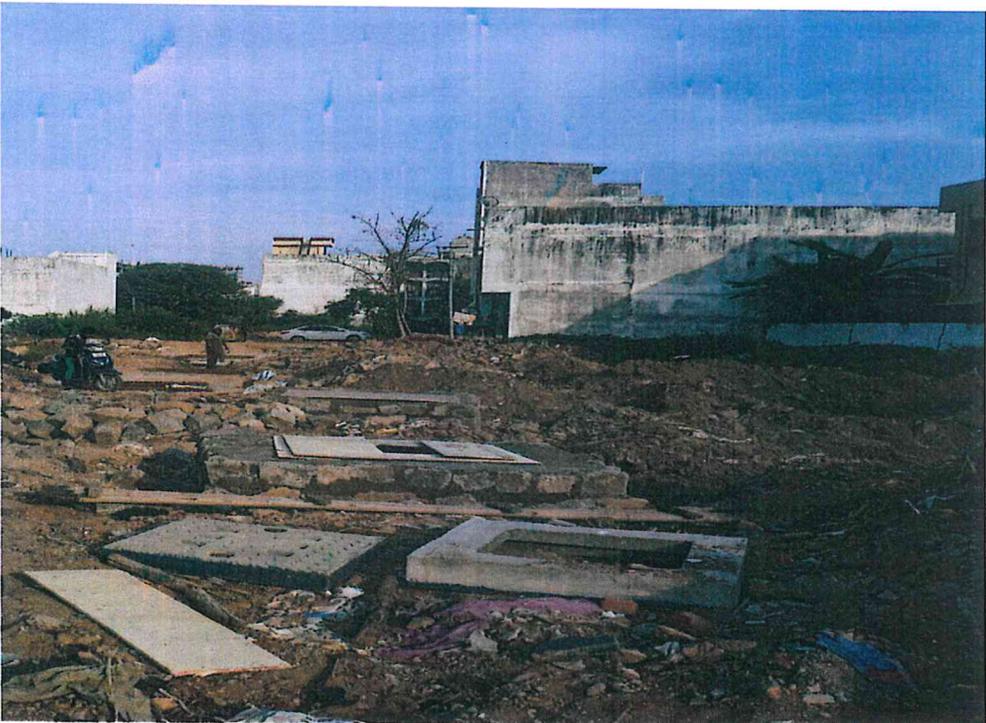


Lake

5



Completed Civil Work



Completed Civil Work

6



Photograph showing fencing



Photograph showing fencing

7



Photograph showing CC Camera



Photograph showing CC Camera

8



Photograph showing Box Channel leading to Miralam 10 MLD STP

