

**BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

ORIGINAL APPLICATION No. 17 OF 2022 (SZ)

IN THE MATTER OF:

Permandlla Kiran Kumar,
Gajularamaram (V), Shapur Nagar,
Jeedimetla, Quthubullapur (M),
Medchal-Malkajgiri District.

....

Applicant(s)

Versus

The State of Telangana,
rep by its Secretary Public,
Govt of Telangana & 15 Others

....

Respondent(s)

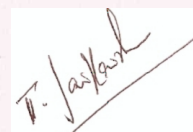
REPORT OF THE TELANGANA STATE POLLUTION CONTROL BOARD (R5)

RUNNING INDEX

Sl. No	Particulars	Page Nos.
1.	Report dated 16.08.2023 of Telangana State Pollution Control Board (Respondent No. 5).	1 – 4
2.	Annexure-I – Analysis report dated 19.04.2023 of water samples collected from Pedda Cheruvu, Gajularamaram, Quthubullapur, Medchal – Malkajgiri District.	5 – 6

Place: Hyderabad.

Date: 17-08-2023.



Counsel for 5th Respondent

REPORT OF THE ENVIRONMENTAL ENGINEER, TELANGANA STATE POLLUTION CONTROL BOARD (TSPCB), REGIONAL OFFICE, MEDCHAL (R- 5) IN OA NO. 17/2022 FILED BY SRI. P. KIRAN KUMAR, GAJULARAMARAM (V), QUTHBULLAPUR (M), MEDCHA-MALKAJGIRI DISTRICT Vs STATE OF TELANGANA.

It is to submit that Sri. P. Kiran Kumar, Gajularamaram (V), Quthbullapur (M), Medchal-Malkajgiri District has filed an OA No. 17/2022 in Hon'ble NGT, Southern Zone, Chennai regarding illegal and unauthorized use of forest land in Gajularamaram village for Layout projects.

In the petition, it was alleged that Respondent No. 12, 13 & 14 (M/s. Veenus Infra, M/s. Vyshanvi Infra and M/s. Vokshit White Lotus SR Developers are creating illegal Layouts without prior permission from (Hyderabad Metro Development Authority) HMDA and Forest Department clearance, occupying forest land, closing ponds and lakes which are adjacent, removed 30 feet Nala drain and Irrigation Department failed to take necessary action and safeguard the natural flow of water from the lakes and ponds. It was further alleged that the Respondent projects (R-12, 13 & 14) have encroached into the forest land and dumping waste into ponds and lakes and forest.

The petitioner has prayed to the Hon'ble NGT be pleased to direct the Respondents to forthwith Furnish details of all plans, proposals and projects launched to restore the forest land occupied by the Respondents 12, 13, 14 & others;

Conduct a survey of the entire Forest land Sy No. 19 Ext 471.14 Acrs Gajularamaram Village, Quthbullapur Mandal, Medchal – Malkajgiri District and Fix the Boundaries;

Ensure and prevent the dumping of any waste by such establishments into the Forest land and Lakes, and remove unauthorized constructions on NALA in addition open the Natural Flow of 30 feet open Nala from Pedda Cheruvu;

Submit a detailed plan of Forest land and Lakes;

Submit the master plan of Hyderabad Metropolitan Development Authority (HMDA);

How may LRS's issued and ULC's clearances issued in Gajularamaram Village which are adjacent to Forest Land Sy No. 19 Ext 471.14 Acrs.

In this regard, it is to submit that the Environmental Engineer, TSPCB, Regional Office, Medchal inspected the said Residential Layouts of Respondent Nos. 12, 13 & 14 and Pedda Cheruvu Lake and surroundings on 15.08.2023. The details of the inspection are submitted as follows:

1. The said Residential Layouts are located in the downstream side of the Pedda Cheruvu Lake and not in the catchment of the Pedda Cheruvu Lake.
2. The Residential buildings / Layouts are located after the outlet weir of the Pedda Cheruvu lake.
3. It is submitted that as informed by the project proponents M/s. Veenus Infra (R12) has proposed Layout for an extent of Ac 20-00 Gts. (7.87 Hectares), M/s. Vyshanvi Infra (R13) has proposed Layout for an extent of Ac 3-17 Gts. (1.4 Hectares) and M/s. Vokshit White Lotus SR Developers (R14) proposed Layout for an extent of Ac 12-00 Gts. (4.72 Hectares). These projects are come under "Townships and Area Development Projects 8(b)". As per EIA Notification, 2006, the project authority shall require environmental clearance only if the development area is more than 50 Hectares or built up area more than 1,50,000sq.m. Therefore, the above projects are not come under the purview of 8(b) of EIA notification 2006 and Water Act and Air Act.
4. Several houses were constructed and some houses are under construction in the area.
5. The outlet water flow from the weir/sluice gate of Peddacheruvu is passing through the Respondents' (12, 13 & 14) Layouts and joining the nala leading to Pariki Chervuvu Lake.
6. It is to submit that TSPCB is regularly monitoring the water bodies in Hyderabad city. The Board also monitored the "Pedda Cheruvu Lake".

The analysis results of the Pedda Cheruvu lake sample collected on 04.04.2023 are as follows:

Sample code	:	Sample details / collection point	
23/04/112	-	Water sample collected from Pedda Cheruvu, Gajularamaram (V), Quthubullapur (M), Medchal-Malkajgiri District.	
Parameters	Method No.	Unit	Results
pH	4500-B	-	7.57
Electrical conductivity	2510-B	µS/cm	1984
Dissolved Oxygen	4500-OC	mg/L	4.0
Chemical Oxygen Demand	5220-D	mg/L	108
BOD 3 at 27°C	IS 3025, 1993	mg/L	21
Total Suspended Solids	2540-D	mg/L	5
Total Dissolved Solids	2540-D	mg/L	1098
Nitrates	4500-NO3 B	mg/L	NA
Boron	4500-B	mg/L	NA
Free Ammonia	-	mg/L	0.47
SAR	-	-	3.7
Total coliform	9221 - B, C	MPN/100ml	350
Fecal coliform	9221 - B, C	MPN/100ml	130
CPCB water quality criteria class			D

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.

7. As seen from the analysis report of the water sample, the Lake water is falling under CPCB water quality criteria of **D-Propagation of Wild life and Fisheries**. Copy of the analysis report is enclosed as **Annexure – I**.
8. It is further to submit that during the Board Official inspection of the Pedda Cheruvu Lake, no industrial wastes dumping was observed. In the Forest land also no industrial wastes are dumped.
9. With regards to encroachments into Forest land and pond / Lake, the competent authorities to verify encroachments is Forest Department and Irrigation Department.

Submitted.

Place: Hyderabad

Date: 16.08.2023

ENVIRONMENTAL ENGINEER
Environmental Engineer
T.S. Pollution Control Board
Regional Office, Medchal

5



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



TC-7123

CENTRAL LABORATORY

Analysis Report

Reg. No: SR/05/TSPCB/HO/R00/LAB/2023/23/04/112
 Collected on: 04/04/2023
 Test method: Standard Methods of APHA, 23rd Edition
 Issue date: 19/04/2023

Collected by: EE, RO, Medchal
 Received on: 06/04/2023
 Quantity of the sample: 1 Ltr. sample each
 Page No: 1 of 2

Sample code : Sample details / collection point
 23/04/112 - Water sample collected from Pedda Cheruvu, Gajularamaram(V), Quthubullapur (M),
 Medchal-Malkajgiri(D).

Parameters	Method No.	Unit	Results
			23/04/112
pH	4500-B	-	7.57
Electrical conductivity	2510-B	µS/cm	1984
Chemical Oxygen Demand	5220-D	mg/L	108
BOD ₅ at 27°C	IS 3025, 1993	mg/L	21
Total Suspended Solids	2540-D	mg/L	5
Total Dissolved Solids	2540-D	mg/L	1098
Nitrates	4500-NO ₃ -B	mg/L	NA
Boron	4500-B	mg/L	NA
CPCB water quality criteria class			D

Note: Results related to sample as received
 Lake sample is monitoring under 185 lakes.
 NA: Not Analyzed as the instrument is under repair

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 ₅ 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

Joint Chief Environmental Scientist

6



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/2023/23/04/112
 Collected on: 04/04/2023
 Test method: Standard Methods of APHA, 23rd Edition
 Issue date: 19/04/2023

Collected by: EE, RO, Medchal
 Received on: 06/04/2023
 Quantity of the sample: 1 Ltr. sample each
 Page No: 2 of 2

Sample code : Sample details / collection point
 23/04/112 - Water sample collected from Pedda Cheruvu, Gajularamaram(V), Quthbullapur (M) Medchal-Malkajgiri(D)

Parameters	Method No.	Unit	Results
			23/04/112
Dissolved oxygen	4500-Q C	mg/L	4.0
Free Ammonia	-	mg/L	0.47
SAR	-	-	3.7
Total coliform	9221-B, C	MPN/100ml	350
Fecal coliform	9221-B, C	MPN/100ml	130
CPCB water quality criteria class			D

Note: Results related to sample as received.

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 ₅ 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.

Joint Chief Environmental Scientist