

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

ORIGINAL APPLICATION No. 115 OF 2016 (SZ)

with

ORIGINAL APPLICATION No. 156 OF 2016 (SZ)

IN THE MATTER OF:

Human Rights and Consumer
Protection Cell Trust and Ors

....

Applicant(s)

Versus

The State of Telangana,
rep by its Chief Secretary,
Telangana State & Others

....

Respondent(s)

REPORT OF THE TELANGANA POLLUTION CONTROL BOARD (R4)

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Place: Hyderabad.

Date: 21-08-2024.

T. Jayashankar

COUNSEL FOR RESPONDENT (R4)

REPORT OF THE TELANGANA POLLUTION CONTROL BOARD (R4) DATED 21.08.2024 IN OA No. 156 of 2016 FILED BY HUMAN RIGHTS & CONSUMER PROTECTION CELL TRUSTS.

Sri Thakur Rajkumar Singh, Serilingampally, Hyderabad Chairman, Human Rights & Consumer Protection Cell has filed O.A. No. 156 of 2016 before Hon'ble NGT, Chennai praying Hon'ble Tribunal may pass an interim order directing the respondents to stop all the un-authorized and illegal constructions in Ameenpur Village and Direct all the Respondents to submit a detailed report by conducting a joint inspection and survey of all the water bodies, inflow, outflow nalas listed in Para No. 6 of this application showing the FTL & Buffer Zone as per Original Lake Memoirs & Survey of India maps and listing all the illegal & un-authorized constructions in the Ameenpur Village & Maqta Mahboobpet Village.

In this regard, the Chief Secretary, Government of Telangana has filed a status report dated 26.06.2021 before the Hon'ble, NGT, Chennai submitting the status of the implementation of the activities by the concerned departments, proposed Action Plan with the activities, responsible Line Departments, etc.,

The case was disposed vide order dated 14.03.2022 with the following directions

".....the statutory/administrative authorities in Telangana may take further remedial action promptly and the nodal agency may coordinate such action periodically, subject to oversight of the Chief Secretary at the State level and of the MoJS at the national level. Action taken for restoration and protection of water bodies may also coincide with respective Districts Environment Plans of concerned districts in the State of Telangana. The action plans may also provide for appropriate Information, Education and Communication (IEC) Programmes in coordination with the educational institutions and other stakeholders. The nodal agency may place the progress report in the matter on quarterly basis on its website. The Applications will stand disposed of."

In this regard, the following is submitted:

The officials from the Telangana State Pollution Control Board (TSPCB), Regional Office, Sangareddy have been collecting water samples from 15 water bodies located in Ameenpur (V&M) Sangareddy District including Ameenpur lake and the reports were shared with the line departments till June 2022. The Board officials again inspected the water bodies on 17.08.2024 and the water body wise details are as given below:

1. Uskebavi Kunta, Ameenpur (V&M), Sangareddy District.

- Dense residential area observed in up-stream and down-stream of the water body.

- Underground drainage lines were observed in the surrounding colonies diverting the sewage away from the water body.
- No specific feeder channels or drainage lines observed joining into the water body.
- The outlet channel of the water body observed in dilapidated condition / not in use
- No industries are located in the surroundings of the water body.
- The source of pollution is due to surface runoff from the upstream residential areas.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - D of CPCB water quality criteria i.e., suitable for propagation of wildlife and fisheries. Copy of the analysis report is enclosed as **Annexure-I**.

2. Pochamma Kunta, Near Raghavendra Colony, Phase – I, Ameenpur (V&M), Sangareddy District.

- Residential area observed in up-stream and down-stream of the water body.
- No specific feeder channels or drainage lines observed joining into the water body.
- No outlet channel to the water body was observed.
- NRI residential colony is located in upstream of the Pochamma Kunta.
- Raghavendra colony is located in downstream of the Pochammakunta and having drainage lines.
- No industries are located in the surroundings of the water body.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - B of CPCB water quality criteria i.e., suitable for Outdoor bathing (Organised). Copy of the analysis report is enclosed as **Annexure-II**.

3. Uba Kunta / Dubba Kunta, beside 2 bed room house flats, Patelguda, Ameenpur (V&M), Sangareddy District.

- Residential area observed in up-stream and down-stream of the water body.
- Residential colony of Indiramma Houses is located in upstream of the Uba Kunta.
- No specific feeder channels or drainage lines observed joining into the water body.
- The outlet channel of the water body observed not in use.
- No industries are located in the surroundings of the water body.
- The source of pollution is due to surface runoff from the upstream residential areas.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - B of CPCB water quality criteria i.e., suitable for Outdoor bathing (Organised). Copy of the analysis report is enclosed as **Annexure-III**.

4. Shetti Kunta, beside Uba Kunta, Patelguda, Ameenpur (V&M), Sangareddy District.

- Residential area observed in up-stream and down-stream of the water body.
- Drainage lines were provided to the residential area.
- No specific feeder channels or drainage lines observed joining into the water body.
- The outlet channel of the water body is in use.
- No industries are located in the surroundings of the water body.
- The source of pollution is due to surface runoff from the upstream residential areas.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - B of CPCB water quality criteria i.e., suitable for Outdoor bathing (Organised). Copy of the analysis report is enclosed as **Annexure-IV**.

5. Patel Cheruvu, Patelguda, Ameenpur (V&M), Sangareddy District.

- During inspection, water observed in small area of the water body.
- Residential area observed in up-stream and down-stream of the water body.
- Drainage lines were provided to the residential area. However, joining of sewage waste water into the water body was observed.
- No outlet channel for the water body was observed.
- No industries are located in the surroundings of the water body.
- The source of pollution is due to sewage water & surface runoff from the upstream residential areas.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - B of CPCB water quality criteria i.e., suitable for Outdoor bathing (Organised). Copy of the analysis report is enclosed as **Annexure-V**.

6. Gandhi Kunta, at back side of Goshala, Ameenpur (V&M), Sangareddy District.

- During inspection, water observed in the water body and covered with hyacinth.
- Residential areas were observed in up-stream of the water body but the apartments/buildings were not occupied.
- No specific feeder channels or drainage lines observed joining into the water body.
- No discharges of domestic waste water were observed.
- Surrounding area on North side & South side is covered with hills / Rocky.
- Sri Bramaramba Mallikarjuna Swami Goshala is located in upstream of the water body on East side. However, no discharges were observed from the Goshala into the water body.
- Outlet channel to the water body was observed and in dilapidated condition.
- No industries are located in the surroundings of the water body.
- The source of pollution is due to surface runoff from the upstream areas.

- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - B of CPCB water quality criteria i.e., suitable for Outdoor bathing (Organised). Copy of the analysis report is enclosed as **Annexure-VI**.

7. Upparivani Kunta, Near NSL Colony, Ameenpur (V&M), Sangareddy District.

- During the inspection no water was observed in the Upparivani Kunta.
- Residential area observed in up-stream and down-stream of the water body.
- No specific feeder channels or drainage lines observed joining into the water body.
- No outlet channel to the water body was observed.
- On enquiry, the local people informed that, recently about one month back drainage lines were provided in the residential colonies located in upstream of the water body diverting the sewage away from the water body.
- No industries are located in the surroundings of the water body.

8. Koneti Kunta, Near New Sai Bhagavan Colony, Ameenpur (V&M), Sangareddy District.

- During the inspection no water was observed in the Koneti Kunta.
- Part of the residential colony of New Sai Bhagavan colony is located in upstream.
- Drainage lines were provided to the residential colonies diverting the sewage away from the water body.
- The entire area of the water body is covered with shrubs.
- No specific feeder channels or drainage lines observed joining into the water body area.
- No outlet channel to the water body was observed.
- No industries are located in the surroundings of the water body.

9. Shambuni / Devuni Kunta, Near Monday Market, Beeramguda, Ameenpur (V&M), Sangareddy District.

- During inspection, water observed in the water body and partly covered with water hyacinth (Floating plants).
- 2 No's of ghats were provided for Batukamma and Lord Ganesh Nimarjanam.
- Drainage lines were provided in the surrounding residential colonies diverting the sewage away from the water body.
- No specific feeder channels or drainage lines observed joining into the water body.
- The outlet channel of the water body observed not in use.
- No industries are located in the surroundings of the water body.
- The source of pollution is due to surface runoff from the upstream residential areas.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - D of CPCB water

quality criteria i.e., suitable for propagation of wildlife and fisheries. Copy of the analysis report is enclosed as **Annexure-VII**.

10. Sambhi Cheruvu / Sandudunte Kunta, Back side of Rupasri county, Ameenpur (V&M), Sangareddy District.

- During inspection, water observed in the water body.
- Thick residential area observed in up steam of the Sambhi Cheruvu.
- Sewage was joining from the residential area located in upstream of the water body.
- The outlet channel of the water body observed not in use.
- No industries are located in the surroundings of the water body.
- The source of pollution is due to sewage water & surface runoff from the upstream residential areas.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - D of CPCB water quality criteria i.e., suitable for propagation of wildlife and fisheries. Copy of the analysis report is enclosed as **Annexure-VIII**.

11. Kunta Shikam, Opposite to Rupasri County, Shankar Green Homes, Ameenpur (V&M), Sangareddy District.

- The water body is surrounded with Hill area in the upstream.
- Drainage line was observed joining into the water body area.
- Outlet channel to the water body was observed.
- No industries are located in the surroundings of the water body.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - B of CPCB water quality criteria i.e., suitable for Outdoor bathing (Organised). Copy of the analysis report is enclosed as **Annexure-IX**.

12. Kotha Cheruvu, Ameenpur (V&M), Sangareddy District.

- Kotha Cheruvu is located in downstream of Ameenpur Pedda Cheruvu.
- During the inspection, overflow from the Ameenpur Pedda Cheruvu was observed.
- No specific feeder channels or drainage lines were observed joining into the water body.
- Overflow water joins with Bandamkommu. During inspection no overflow was observed.
- Industries are not located in the upstream of the water body.
- The source of pollution is due to surface runoff from the upstream residential areas and water flow coming from Ameenpur pedda Cheruvu.

- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - D of CPCB water quality criteria i.e., suitable for propagation of wildlife and fisheries. Copy of the analysis report is enclosed as **Annexure-X**.

13. Kummari Kunta, Ameenpur (V&M), Sangareddy District.

- The water body is in dry condition and is surrounded with Hill area in upstream.
- No specific feeder channels or drainage lines observed joining into the water body area.
- No outlet channel to the water body was observed.
- Industries are not located in the upstream of the water body.
- The source of pollution is due to surface runoff water from the upstream.

14. Bandamkommu, Ameenpur (V&M), Sangareddy District.

- Residential area is located in up steam of the Bandamkommu Kunta.
- Sewage line was observed into the water body.
- During the inspection waste water flow from the residential area (Sridham Hills colony) was observed and joining with the water body.
- Outlet channel of the water body was observed.
- The source of pollution is due to the sewage water and surface runoff from the upstream residential areas.
- The Board Officials collected sample from the water body on 17.08.2024 and as per the analysis reports the water quality is falling under Class - D of CPCB water quality criteria i.e., suitable for propagation of wildlife and fisheries. Copy of the analysis report is enclosed as **Annexure-XI**.

15. Ameenpur Pedda Cheruvu, Ameenpur (V&M), Sangareddy District.

- The water body is surrounded by residential area and observed feeder channels from the upstream area.
- Industries are located in the upstream of the water body. During the inspection, no industrial waste water discharges were observed in to the water body.
- The source of pollution is due to sewage water flow coming from residential areas located in upstream of the water body.
- During inspection, on 02.09.2023 & 22.02.2024 it was observed that the sewage from the surrounding colonies is joining the ameenpur lake and no municipal solid waste dump was observed in the lake. The Board issued notices to the Municipal Commissioner Ameenpur Municipality on 13.09.2023, 25.11.2023 & 19.03.2024

asking to take necessary action to divert the sewage by providing I & D structures at the inlets of the lake so as to protect the lakes from sewage contamination.

- The Board is regularly monitoring the water quality in Ameenpur lake under National Water Monitoring Programme and the latest sample was collected on 17.08.2024. As per the analysis report, the water quality is falling under Class - D of CPCB water quality criteria i.e., suitable for propagation of wildlife and fisheries. Copy of the analysis report is enclosed as **Annexure-XII**.
- The following major industries are located in near vicinity of the Ameenpur Village & Cheruvu:
 - M/s. Hindustan Coca Cola Beverages Pvt. Ltd., Sangareddy District.
 - M/s. ACE Tyres Ltd., Rangareddy District.
 - M/s. Exel Rubber Ltd., Rangareddy District.
 - M/s. Vilas Polymers Ltd, Rangareddy District,
 - M/s. Aurobindo Pharma Ltd., Unit –III, Rangareddy District.
 - M/s. Aurobindo Pharma Ltd., Unit –XII, Rangareddy District.
 - M/s. TFL Ltd., Rangareddy District.
- **M/s. Hindustan Coca Cola Beverages Pvt. Ltd., Sangareddy District**
 - M/s. Hindustan Coca Cola Beverages Pvt. Ltd., Sangareddy District is the only industry located upstream of the lake in the jurisdiction of Regional Office-I, Sangareddy.
 - M/s. Hindustan Coca Cola Beverages Private Ltd is located at Sy. No. 169, Ameenpur (V), Patancheru (M), Sangareddy District and is soft drink manufacturing unit.
 - M/s. Hindustan Coca Cola Beverages Pvt. Ltd was Issued with the Consent for Operation of the Board dated: 30.12.2023 for manufacture of Carbonated soft drinks (in RGB) & Fruit Juice in RGB - 15,000 Cases/day, Fruit Juice in Tetra pack – 12,000 Cases/day , Carbonated soft drinks in PET - 1,40,654 Cases/day and Syrup Container (Bag In Box (BIB) – 10 Ltrs /20 Ltrs) 2000 Bags / day of 10 Ltrs OR 1500 Bags / day of 20 Ltrs with total average per day (Annual basis – 1,69,654 cases per day) valid up to 31.12.2028.
 - The industry generates trade effluents (560 KLD) from washings, boiler blow down and cooling bleed off. After treatment in Bio-logical ETP, the effluent is routed through RO systems / UF Systems. The RO permeate is recycled for process & utilities and the RO Rejects are evaporated in MEE (Zero Liquid Discharge System). The treated water is being reused for process & utilities.

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- o The industry generates 50 KLD of domestic effluents and is permitted to dispose to M/s. PETL, Patancheru after meeting the inlet standards. The industry is regularly sending the effluents to M/s. PETL, Patancheru.

During inspection there were no discharges of effluents from the Industry were observed

C. peels
ENVIRONMENTAL ENGINEER
Environmental Engineer
T.G. Pollution Control Board
Regional Office-1, SANGAREDDY.

REPORT OF THE TELANGANA POLLUTION CONTROL BOARD (R4) DATED 21.08.2024 IN OA No. 156 of 2016 FILED BY HUMAN RIGHTS & CONSUMER PROTECTION CELL vs STATE OF TELANGANA

Sri Thakur Rajkumar Singh, Serilingampally, Hyderabad Chairman, Human Rights & Consumer Protection Cell has filed O.A. No. 156 of 2016 before Hon'ble NGT, Chennai praying Hon'ble Tribunal may pass an interim order directing the respondents to stop all the un-authorized and illegal constructions in Ameenpur Village and Direct all the Respondents to submit a detailed report by conducting a joint inspection and survey of all the water bodies, inflow, outflow nalas listed in Para No. 6 of this application showing the FTL & Buffer Zone as per Original Lake Memoirs & Survey of India maps and listing all the illegal & un-authorized constructions in the Ameenpur Village & Maqta Mahboobpet Village.

In this regard, the Chief Secretary, Government of Telangana has filed a status report dated 26.06.2021 before the Hon'ble, NGT, Chennai submitting the status of the Implementation of the activities by the concerned departments, proposed Action Plan with the activities, responsible Line Departments, etc.,

Accordingly, the case was disposed vide order dated 14.03.2022 with the following directions

".....the statutory/administrative authorities in Telangana may take further remedial action promptly and the nodal agency may coordinate such action periodically, subject to oversight of the Chief Secretary at the State level and of the MoJS at the national level. Action taken for restoration and protection of water bodies may also coincide with respective Districts Environment Plans of concerned districts in the State of Telangana. The action plans may also provide for appropriate Information, Education and Communication (IEC) Programmes in coordination with the educational institutions and other stakeholders. The nodal agency may place the progress report in the matter on quarterly basis on its website. The Applications will stand disposed of."

In this regard, the following is submitted:

The following major industries are located in the vicinity of the Ameenpur Cheruvu:

- a. M/s. ACE Tyres Ltd., Rangareddy District.
- b. M/s.Exel Rubber Ltd., Rangareddy District.
- c. M/s.Vilas Polymers Ltd, Rangareddy District,
- d. M/s. Aurobindo Pharma Ltd., Unit -III, Rangareddy District.
- e. M/s. Aurobindo Pharma Ltd., Unit -XII, Rangareddy District.
- f. M/s. TFL Ltd., Rangareddy District.

The officials from the Telangana Pollution Control Board (TGPCB) are monitoring the industries located in the vicinity of Ameenpur cheruvu regularly and the status of the following industries are as follows: -

a. M/s. ACE Tyres Pvt. Ltd. Sy.No. 314 & 315, Bachupally (V), Quthbullapur (M), Medchal-Malkajgiri District:

1. M/s. Ace Tyres (P) Ltd., is located at Sy.Nos.314 & 315, Bachupally (V), Quthbullapur (M), Medchal-Malkajgiri District and engaged in manufacture of Automobile Tyres for Two, Three & Four Wheelers.
2. The Board issued CFO to the industry on 19.02.2021, with a validity period upto 31.03.2026 manufacture of Automobile Tyres for Two, Three & Four Wheelers.
3. The industry has provided 20 KL tank for storage of effluent. The industry is a member of CETP of M/s. PETL and regularly sending the effluents to M/s PETL, Patancheru for further treatment and disposal.
4. The industry falls under Orange category.

b. M/s. Excel Rubbers Ltd (Formerly M/s. Venus Elastomers (P) Ltd),

The unit has been completely closed its operations at this location and also surrendered the CFO to the Board. The existing sheds are partly given to Amazon for Godown purpose. Another shed was given on lease to M/s. Luxes Machineries Pvt Ltd, which is carrying out fabrication activities which falls under White category.

c. M/s Vilas Polymers, Bachupally, Medchal-Malkajgiri District.

The unit closed operation since last 2 years and the premises is used as godown for tyres storage.

d. M/s Aurobindo Pharma Ltd., Unit – III, Bachupally:

1. M/s. Aurobindo Pharma Ltd., (Unit – III), is located at Sy. No. 313, Bachupally (V), Quthbullapur (M), Medchal-Malkajgiri District and engaged in Pharmaceutical Formulations.
2. The Board issued Consent for Operation (CFO) to the industry on 09.12.2021 with a validity period upto 31.12.2031 to manufacture Pharmaceutical Formulations products viz., Tablets, Capsules, Syrup, Dry Syrup, Lozenges, Dry powder Injections, Injections, Liquid orals, Ointments etc.

3. The industry has provided below ground level RCC storage tank of 180 KL capacity for collecting and storing of the effluents. The industry is a member of CETP of M/s. PETL, Patancheru and sending the effluents regularly for treatment and disposal.
4. The industry has coal fired boilers of capacities 10 TPH and 6 TPH and provided Cyclone separators followed by bag filters as air pollution control equipment. Out of these, 6 TPH boiler is kept as stand-by.
5. The industry is sending hazardous wastes like Empty capsules, process organic residue, off- specification products to M/s. Anjali Portland Cement Industry for Co-processing and & ETP sludge to M/s. TSDF for secured land filling.
6. The industry falls under Orange category.

e. M/s Aurobindo Pharma Ltd., Unit – XII, Bachupally:

1. M/s. AurobindoPharma Ltd., (Unit – XII), (Formulation Division), is manufacturing R&D Activity on formulation unit and located at Sy. No. 314, Bachupally (V), Quthbullapur (M), Medchal-Malkajgiri District and engaged in manufacture of Tablets, Capsules, Syrup, Dry Power Injections and Sterile Lyophilized Powder.
2. The Board issued CFO to the industry on 09.12.2021, with a validity period upto 31.12.2031 to manufacture certain products viz., Tablets, Capsules, Syrup, Dry Power Injections and Sterile Lyophilized Powder.
3. The industry has provided below ground level RCC storage tanks of 4 x 30 KL i.e., 120KL for collection and storage of the effluents. The industry is a member of CETP of M/s. PETL and regularly sending the effluents to M/s PETL, Patancheru for further treatment and disposal.
4. The industry is sending the hazardous wastes to Cement Industry for co-processing.
5. The industry falls under Orange category.
6. The industry falls under Orange category.

f. M/s. TFL Quinn India (P) Ltd., Sy.Nos. 313 ,314, 325, 326 & 343, Bachupally (V), Quthbullapur (M), Medchal-Malkajgiri District:

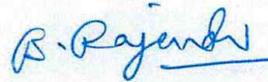
1. M/s. TFL Quinn India (P) Ltd., Sy.Nos. 313 ,314, 325, 326 & 343, Bachupally (V), Quthbullapur (M), Medchal-Malkajgiri District and is

involved in manufacturing Leather Tanning Chemicals and Leather finished chemicals.

2. The Board issued CFO to the industry on 19.02.2021, with a validity period upto 31.03.2026 and engaged in manufacture of Leather Finishing Chemicals and Leather Tanning Chemicals.
3. As per the records of the industry has disposed 2,500 KL of LTDS effluents against the permitted capacity of 3780 KL & HTDS of 1220 KL against the permitted capacity of 1440KL during the from April 2023 to March 2024 to M/s. JETL.
4. The industry is operating briquette fired boiler of capacity 4 TPH. The industry has provided bag filters as air pollution control equipment to the boiler.
5. The industry has provided scrubbers to LTC and LFC sections to control process emissions.
6. The industry is sending Low TDS effluents to CETP of M/s. JETL and High TDS effluents to Common MEE of M/s. JETL, Jeedimetla.
7. Industry falls under Red category.

Place: HYDERABAD

Date: 21-08-2024



ENVIRONMENTAL ENGINEER

Environmental Engineer
T.G. Pollution Control Board
Regional Office, Medchal.



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08138

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Uskebavi Kunta, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	7.42
2	E. Conductivity	µmhos/cm	2510-B	792
3	Total Suspended Solids (TSS)	mg/L	2540-D	12
4	Total Dissolved Solids (TDS)	mg/L	2540-C	496
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	39
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	5
7	Dissolved Oxygen (DO)	mg/L	4500-O C	5.9
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	156
9	Total Hardness as CaCO ₃	mg/L	2340-C	280
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	56
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	34
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	142
13	Sulphates as SO ₄ ⁻²	mg/L	4500-SO ₄ ⁻²	38
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	8
15	Sodium as Na ⁺	mg/L	3500-Na B	47
16	Potassium as K ⁺	mg/L	3500-K B	2
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.18
18	Percent Sodium (%Na)	%(Meq/L)	-	26.44
19	Sodium Absorption Ratio (SAR)	Meq/L	-	1.22
20	Total Coliform	MPN/100ml	9221-B&D	280
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'D'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
2) All Values are expressed in mg/L except pH.

BDL – Below Detectable Limit.

Leela
21/8/24
SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08150

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Pochammakunta, Raghavendra colony, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	6.57
2	E. Conductivity	µmhos/cm	2510-B	630
3	Total Suspended Solids (TSS)	mg/L	2540-D	11
4	Total Dissolved Solids (TDS)	mg/L	2540-C	380
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	24
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	2.6
7	Dissolved Oxygen (DO)	mg/L	4500-O C	6.5
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	108
9	Total Hardness as CaCO ₃	mg/L	2340-C	152
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	30
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	19
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	68
13	Sulphates as SO ₄ ²⁻	mg/L	4500-SO ₄ ²⁻	15
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	4
15	Sodium as Na ⁺	mg/L	3500-Na B	21
16	Potassium as K ⁺	mg/L	3500-K B	2
17	Fluoride as F ⁻	mg/L	4500-F-C	0.14
18	Percent Sodium (%Na)	%(Meq/L)	-	22.56
19	Sodium Absorption Ratio (SAR)	Meq/L	-	0.74
20	Total Coliform	MPN/100ml	9221-B&D	38
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'B'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
2) All Values are expressed in mg/L except pH.

BDL – Below Detectable Limit.

M. Reddy
21/8/24
SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08139

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Uba Kunta / Dubba Kunta, beside 2 bed room house flats, Patelguda (V), Ameenpur (M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	6.42
2	E. Conductivity	µmhos/cm	2510-B	749
3	Total Suspended Solids (TSS)	mg/L	2540-D	18
4	Total Dissolved Solids (TDS)	mg/L	2540-C	453
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	29
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	2.8
7	Dissolved Oxygen (DO)	mg/L	4500-O C	6.4
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	124
9	Total Hardness as CaCO ₃	mg/L	2340-C	208
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	40
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	26
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	106
13	Sulphates as SO ₄ ²⁻	mg/L	4500-SO ₄ ²⁻	22
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	6
15	Sodium as Na ⁺	mg/L	3500-Na B	28
16	Potassium as K ⁺	mg/L	3500-K B	4
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.16
18	Percent Sodium (%Na)	%(Meq/L)	-	22.19
19	Sodium Absorption Ratio (SAR)	Meq/L	-	0.84
20	Total Coliform	MPN/100ml	9221-B&D	79
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'B'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
2) All Values are expressed in mg/L except pH.

BDL – Below Detectable Limit.

[Signature]
21/8/24
SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08140

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Shetti Kunta, beside Uba Kunta, Patelguda (V), Ameenpur (M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	6.82
2	E. Conductivity	µmhos/cm	2510-B	655
3	Total Suspended Solids (TSS)	mg/L	2540-D	10
4	Total Dissolved Solids (TDS)	mg/L	2540-C	394
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	22
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	2.4
7	Dissolved Oxygen (DO)	mg/L	4500-O C	6.8
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	140
9	Total Hardness as CaCO ₃	mg/L	2340-C	220
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	49
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	24
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	112
13	Sulphates as SO ₄ ⁻²	mg/L	4500-SO ₄ ⁻²	18
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	3
15	Sodium as Na ⁺	mg/L	3500-Na B	32
16	Potassium as K ⁺	mg/L	3500-K B	2
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.16
18	Percent Sodium (%Na)	%(Meq/L)	-	23.61
19	Sodium Absorption Ratio (SAR)	Meq/L	-	0.93
20	Total Coliform	MPN/100ml	9221-B&D	120
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'B'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
2) All Values are expressed in mg/L except pH.

BDL – Below Detectable Limit.

Labeka
21/8/24
SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
 25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08147

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Patel Cheruvu, Patelguda (V), Ameenpur (M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	6.89
2	E. Conductivity	µmhos/cm	2510-B	657
3	Total Suspended Solids (TSS)	mg/L	2540-D	12
4	Total Dissolved Solids (TDS)	mg/L	2540-C	400
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	32
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	3
7	Dissolved Oxygen (DO)	mg/L	4500-O C	6.4
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	120
9	Total Hardness as CaCO ₃	mg/L	2340-C	192
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	44
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	20
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	94
13	Sulphates as SO ₄ ⁻²	mg/L	4500-SO ₄ ⁻²	32
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	5
15	Sodium as Na ⁺	mg/L	3500-Na B	36
16	Potassium as K ⁺	mg/L	3500-K B	5
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.19
18	Percent Sodium (%Na)	%(Meq/L)	-	28.15
19	Sodium Absorption Ratio (SAR)	Meq/L	-	1.13
20	Total Coliform	MPN/100ml	9221-B&D	180
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'B'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
- 2) All Values are expressed in mg/L except pH.

BDL – Below Detectable Limit.


 SENIOR ENVIRONMENTAL SCIENTIST
 21/8/24



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
 25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08141

- 1) Sample Description : Surface water samples from water bodies located in and around Amcenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Gandhi Kunta at back side of Goshala, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁻ -B	6.42
2	E. Conductivity	µmhos/cm	2510-B	987
3	Total Suspended Solids (TSS)	mg/L	2540-D	10
4	Total Dissolved Solids (TDS)	mg/L	2540-C	608
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	30
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	2.8
7	Dissolved Oxygen (DO)	mg/L	4500-O C	6.7
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	232
9	Total Hardness as CaCO ₃	mg/L	2340-C	316
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	64
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	38
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	160
13	Sulphates as SO ₄ ⁻²	mg/L	4500-SO ₄ ⁻²	28
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	6
15	Sodium as Na ⁺	mg/L	3500-Na B	52
16	Potassium as K ⁺	mg/L	3500-K B	3
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.20
18	Percent Sodium (%Na)	%(Meq/L)	-	25.97
19	Sodium Absorption Ratio (SAR)	Meq/L	-	1.27
20	Total Coliform	MPN/100ml	9221-B&D	40
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'B'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
 2) All Values are expressed in mg/L except pH.

BDL – Below Detectable Limit.


 SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
 25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08142

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Shambuni Kunta / Devuni Kunta, near Monday market, Beeramguda, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	7.04
2	E. Conductivity	µmhos/cm	2510-B	902
3	Total Suspended Solids (TSS)	mg/L	2540-D	12
4	Total Dissolved Solids (TDS)	mg/L	2540-C	560
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	38
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	4
7	Dissolved Oxygen (DO)	mg/L	4500-O C	4.8
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	220
9	Total Hardness as CaCO ₃	mg/L	2340-C	330
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	76
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	34
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	178
13	Sulphates as SO ₄ ²⁻	mg/L	4500-SO ₄ ²⁻	42
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃	8
15	Sodium as Na ⁺	mg/L	3500-Na B	61
16	Potassium as K ⁺	mg/L	3500-K B	3
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.24
18	Percent Sodium (%Na)	%(Meq/L)	-	28.33
19	Sodium Absorption Ratio (SAR)	Meq/L	-	1.46
20	Total Coliform	MPN/100ml	9221-B&D	220
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'D'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
- 2) All Values are expressed in mg/L. except pH.

BDL -- Below Detectable Limit.


 SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08143

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Sambhi Cheruvu / Sandudunte Kunta, back side of Rupasri county, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	7.12
2	E. Conductivity	µmhos/cm	2510-B	855
3	Total Suspended Solids (TSS)	mg/L	2540-D	12
4	Total Dissolved Solids (TDS)	mg/L	2540-C	535
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	34
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	4
7	Dissolved Oxygen (DO)	mg/L	4500-O C	5.6
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	180
9	Total Hardness as CaCO ₃	mg/L	2340-C	248
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	51
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	29
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	118
13	Sulphates as SO ₄ ²⁻	mg/L	4500-SO ₄ ²⁻	26
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	4
15	Sodium as Na ⁺	mg/L	3500-Na B	43
16	Potassium as K ⁺	mg/L	3500-K B	2
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.19
18	Percent Sodium (%Na)	%(Meq/L)	-	27.14
19	Sodium Absorption Ratio (SAR)	Meq/L	-	1.19
20	Total Coliform	MPN/100ml	9221-B&D	180
21	Faecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'D'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
2) All Values are expressed in mg/L except pH.

BDL – Below Detectable Limit.

[Signature]
21/8/24
SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
 25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08148

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Kunta Shikam, in front of Rupa Sri County, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	6.84
2	E. Conductivity	µmhos/cm	2510-B	868
3	Total Suspended Solids (TSS)	mg/L	2540-D	16
4	Total Dissolved Solids (TDS)	mg/L	2540-C	523
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	31
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	2.8
7	Dissolved Oxygen (DO)	mg/L	4500-O C	6.2
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	104
9	Total Hardness as CaCO ₃	mg/L	2340-C	156
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	36
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	16
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	78
13	Sulphates as SO ₄ ²⁻	mg/L	4500-SO ₄ ²⁻	13
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	3
15	Sodium as Na ⁺	mg/L	3500-Na B	24
16	Potassium as K ⁺	mg/L	3500-K B	2
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.16
18	Percent Sodium (%Na)	%(Meq/L)	-	24.68
19	Sodium Absorption Ratio (SAR)	Meq/L	-	0.83
20	Total Coliform	MPN/100ml	9221-B&D	44
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'B'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
- 2) All Values are expressed in mg/L except pH.

BDL – Below Detectable Limit.


 SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 - 08144

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Kotha Cheruvu, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	7.31
2	E. Conductivity	µmhos/cm	2510-B	1408
3	Total Suspended Solids (TSS)	mg/L	2540-D	14
4	Total Dissolved Solids (TDS)	mg/L	2540-C	859
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	51
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	5.4
7	Dissolved Oxygen (DO)	mg/L	4500-O C	5.8
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	280
9	Total Hardness as CaCO ₃	mg/L	2340-C	432
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	85
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	54
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	210
13	Sulphates as SO ₄ ⁻²	mg/L	4500-SO ₄ ⁻²	42
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	7
15	Sodium as Na ⁺	mg/L	3500-Na B	70
16	Potassium as K ⁺	mg/L	3500-K B	5
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.28
18	Percent Sodium (%Na)	%(Meq/L)	-	25.53
19	Sodium Absorption Ratio (SAR)	Meq/L	-	1.46
20	Total Coliform	MPN/100ml	9221-B&D	180
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'D'

*Standard Methods for the examination of water & waste water APHA - 23rd edition.

Note:

- 1) Results are related to samples as received.
2) All Values are expressed in mg/L except pH.

BDL - Below Detectable Limit.

Nandakrishna
21/8/24
SENIOR ENVIRONMENTAL SCIENTIST



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 - 08146

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Bandamkommu Kunta, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-1, Sangareddy

S.No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁺ -B	7.96
2	E. Conductivity	µmhos/cm	2510-B	1348
3	Total Suspended Solids (TSS)	mg/L	2540-D	18
4	Total Dissolved Solids (TDS)	mg/L	2540-C	830
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	41
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	5
7	Dissolved Oxygen (DO)	mg/L	4500-O C	5.9
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	224
9	Total Hardness as CaCO ₃	mg/L	2340-C	348
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	70
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	42
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	182
13	Sulphates as SO ₄ ⁻²	mg/L	4500-SO ₄ ⁻²	48
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	9
15	Sodium as Na ⁺	mg/L	3500-Na B	63
16	Potassium as K ⁺	mg/L	3500-K B	4
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.22
18	Percent Sodium (%Na)	%(Meq/L)	-	27.83
19	Sodium Absorption Ratio (SAR)	Meq/L	-	1.46
20	Total Coliform	MPN/100ml	9221-B&D	350
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'D'

*Standard Methods for the examination of water & waste water APHA - 23rd edition.

Note:

- 1) Results are related to samples as received.
- 2) All Values are expressed in mg/L except pH.

BDL -- Below Detectable Limit.

Netels
21/8/24
SENIOR ENVIRONMENTAL SCIENTIST

(24)

ANNEXURE - XII



TELANGANA POLLUTION CONTROL BOARD
ZONAL LABORATORY: R.C.PURAM
25-35/11, Tulasi Reddy Complex, R.C.Puram, Sangareddy District.

ANALYSIS REPORT

Sample Nos. 2024 – 08145

- 1) Sample Description : Surface water samples from water bodies located in and around Ameenpur (V & M), Sangareddy District.
- 2) Sample Source : Sample collected from Ameenpur Pedda Cheruvu, Ameenpur (V & M), Sangareddy District.
- 3) Sample Collected on : 17/08/2024
- 4) Sample Received on : 17/08/2024
- 5) Report issued on : 21/08/2024
- 6) Sample Collected by : EE, RO-I, Sangareddy

S. No.	Parameter	Units	Method No*	Results
1	pH		4500-H ⁻ -B	7.16
2	E. Conductivity	µmhos/cm	2510-B	1386
3	Total Suspended Solids (TSS)	mg/L	2540-D	18
4	Total Dissolved Solids (TDS)	mg/L	2540-C	940
5	Chemical Oxygen Demand (COD)	mg/L	5220-B	38
6	Biological Oxygen Demand (BOD)	mg/L	5210-B	4
7	Dissolved Oxygen (DO)	mg/L	4500-O C	6.0
8	Total Alkalinity as CaCO ₃	mg/L	2320-B	264
9	Total Hardness as CaCO ₃	mg/L	2340-C	436
10	Calcium as Ca ²⁺	mg/L	3500-Ca B	89
11	Magnesium as Mg ²⁺	mg/L	3500-Mg B	52
12	Chlorides as Cl ⁻	mg/L	4500-Cl ⁻ B	228
13	Sulphates as SO ₄ ⁻²	mg/L	4500-SO ₄ ⁻²	46
14	Nitrates as NO ₃ ⁻	mg/L	4500-B-NO ₃ ⁻	6
15	Sodium as Na ⁺	mg/L	3500-Na B	73
16	Potassium as K ⁺	mg/L	3500-K B	4
17	Fluoride as F ⁻	mg/L	4500-F ⁻ -C	0.32
18	Percent Sodium (%Na)	%(Meq/L)	-	26.32
19	Sodium Absorption Ratio (SAR)	Meq/L	-	1.51
20	Total Coliform	MPN/100ml	9221-B&D	220
21	Fecal Coliform	MPN/100ml	9221-C	NIL
22	Free Ammonia	mg/L	-	BDL
23	Boron	mg/L	4500-B,C	BDL
Class of water body as per CPCB Water Quality Criteria				'D'

*Standard Methods for the examination of water & waste water APHA – 23rd edition.

Note:

- 1) Results are related to samples as received.
- 2) All Values are expressed in mg/L except pH.

BDL -- Below Detectable Limit.

Meebata
21/8/24
SENIOR ENVIRONMENTAL SCIENTIST

Item No.1 (i) & (ii):-

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

(Through Video Conference)

Original Application No. 115 of 2016 (SZ)

With

Original Application No. 156 of 2016 (SZ)

IN THE MATTER OF:

Human Rights & Consumer
Protection Cell Trust and Ors.

...Applicant(s)

Versus

The State of Telangana,
Rep. by its Chief Secretary,
Telangana State and Ors.

...Respondent(s)



Date of hearing: 15.07.2024.

CORAM:

HON'BLE Smt. JUSTICE PUSHPA SATHYANARAYANA, JUDICIAL MEMBER

HON'BLE Dr. SATYAGOPAL KORLAPATI, EXPERT MEMBER

O.A. No.115/2016:

For Applicant(s): None.

For Respondent(s):

Mr. Mohammed Aathic represented
Mrs. H. Yasmeen Ali for R1, R4 & R6.
Ms. C.P. Kavitha Renjini represented
Mr. T. Sai Krishnan for R2 & R3.
Mr. Jaiharisudhan represented
Mr. D. Sreenivasan for R5.

O.A. No.156/2016:

For Applicant(s): None.

For Respondent(s):

Mr. Mohammed Aathic represented
Mrs. H. Yasmeen Ali for R1, R5 to R10.
Ms. C.P. Kavitha Renjini represented
Mr. T. Sai Krishnan for R2 to R4.
Mr. Jaiharisudhan represented
Mr. D. Sreenivasan for R11.

ORDER

1. The learned counsel appearing for the State of Telangana as well as the Telangana State Pollution Control Board would seek time to file the compliance report.

2. Let the matter be listed on 22.08.2024.



Sd/-

Smt. Justice Pushpa Sathyanarayana, JM

Sd/-

Dr. Satyagopal Korlapati, EM

O.A. No.115/2016 (SZ)

O.A. No.156/2016 (SZ)

15th July, 2024. Mn.