

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

ORIGINAL APPLICATION No. 97 OF 2022 (SZ)

IN THE MATTER OF:

Dr.M.S.Tejashwari,
Telangana.

....

Applicant(s)

Versus

Union of India & Ors.

....

Respondent(s)

REPORT OF THE TELANGANA POLLUTION CONTROL BOARD (R3)

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Place: Hyderabad

Date: 28-11-2024.

T. Jayashankar

COUNSEL FOR RESPONDENT No.3

**REPORT OF THE TELANGANA POLLUTION CONTROL BOARD (TGPCB),
(RESPONDENT NO.3) DATED 27-11-2024 IN OA No. 97 OF 2022 (SZ) FILED
BY DR.M.S.TEJASHWARI, TRIMULGHERRY, SECUNDERABAD**

It is to submit that Dr.M.S.Tejaswari, D/o.Late Sri M. Sathyanarayana Reddy, R/o.H.No.3-16-668/A, Trimulgherry 'X' Roads, Secunderabad has filed an O.A.No.97 of 2022 in the Hon'ble NGT, Chennai on damage to the boundary wall of the petitioner land, laying of the drainage pipeline from the dwellings located in the Northern side of the petitioner's land and sewage entering into petitioner's land and open well thereby causing water pollution.

The Respondent Board has submitted status report dated 29.04.2024 before the Hon'ble NGT. The Hon'ble NGT has taken on record the report filed by the Board during the hearing on 30.04.2024 and directed that the Telangana SPCB to complete the clearing of the sewage within the premises of the applicant at the earliest, after which, to assess the cost of remediation of the land, as the sewage has been collected in the Applicant's premises since long time.

In this regard, the Respondent Board has submitted status report dated 20.08.2024. It is to submit that the Board Officials again inspected the area on 21.09.2024 and 25.11.2024. The following status is submitted: -

1. The entering of sewage into the Applicant's land has been stopped.
2. The laying of the pipeline for diversion of the sewage entering into the applicants land is completed and connected to the collection sump provided at the North-East corner. The diversion pipeline consists of 233meters of 150mm dia; 472meters of 200 mm dia; 85 meters of 300 mm dia and 287 meters of 450mm dia is laid. The sewage collection sump of 20 KL capacity is provided with 2 x 4 HP motors for pumping the sewage into the diversion pipeline.
3. The civil works relating to laying of ring sewer of 450mm RCC pipe along the peripheral boundary of the lake for diversion of sewage has been completed.
4. The Secunderabad Cantonment Board has informed that vide letter dated 23.05.2024 they have deposited an amount of Rs. 1.0 Crore to HMWS&SB towards the 3rd instalment for execution of the works. Hence, the total amount of Rs. 2.9 Crores has been deposited to HMWS&SB for the completion of the Phase-I works.
5. With regards to the Phase-II works of proposal to construct the STP of 1 MLD in 0.3 acres land in Survey. No. 118 near the lake, it is to submit that the land acquisition by the Secunderabad Cantonment Board is under progress. The SCB informed that

once the land acquisition is completed, the HMWS&SB can proceed for establishment of the STP. In the meanwhile, the diverted sewage is pumped into the ring sewer and from there to the Patigadda STP for treatment.

6. It is further to submit that the Board has requested National Environmental Engineering Research Institute (NEERI), Zonal Office, Hyderabad for taking up the Assessment of the cost of remediation of the land due to collection of sewage in the Applicant's premises. However, there is no response from NEERI. The Board will follow up with NEERI for an early action.
7. In the meanwhile, the Board has removed the sewage contaminated water from the open well located in the Applicant's land, by employing electric motor pumps and pumped out into the recently laid ring sewer to divert the sewage from Thirumulgherry lake as per Phase-I action plan of SCB which in turn diverted to the STP at Patigadda. The removal of the well water has been carried out during 20th to 23rd September, 2024. The Board officials collected sample of the well water on 20.09.2024 and the analysis results are as submitted below:

Parameters	Method No.	Unit	Results
pH at 25°C	4500-H+B	-	7.29
Electrical conductivity at 25°C	2510-B	µS/cm	1193
Chemical Oxygen Demand	5220 B	mg/L	28
BOD ₃ at 27°C	IS 3025, 1993	mg/L	08
Total Suspended Solids	2540-D	mg/L	<5
Total Dissolved Solids	2540 C	mg/L	752
Total Kjeldhal Nitrogen	4500-N _{org} B	mg/L	<5
Oil & Grease	5520 – B	mg/L	<0.1
Ammonical Notrogen	4500-NH3C	mg/L	<5
Dissolved Oxygen	4500- O C	mg/L	6.2
Free Ammonia	-	mg/L	BDL
Total coliform	9221 – B, C	MPN/100ml	350
Fecal coliform	9221 – B, C	MPN/100ml	<1.8

As seen from the above results, there is improvement in the quality of well water after the removal of sewage. Copy of analysis report of the well water is enclosed as **Annexure – I.**

8. Again on discussion with the Applicant, since 22.11.2024, the removal of the well water is carried out and also started the removal of the bottom sediment from the well by employing HITACHY earthmoving machine to complete the removal of any contamination with logistical support by SCB. However, due to the high rate of well water yield, the removal of sediment is being delayed. Periodically removing the water and then the bottom sediment so as to maintain the quality of the well water. A sample of the well water is again collected on 25.11.2024 and submitted at Board laboratory for analysis.
9. The Board officials have again inspected the Applicant's land and surroundings on 25.11.2024 and observed that there is no joining of sewage into the Applicant's land or open well. The construction of I & D structure to divert the sewage entering into Thirumulgherry lake has been completed. ^(ANNEXURE - II) Now, the sewage has been diverted through the ring sewer into the drain bypassing the lake and flows to Patigadda STP. The land acquisition for the construction of proposed 1 MLD STP at Thirumulgherry Lake is under process by Secunderabad Cantonment Board (SCB).

The Board will regularly monitor the implementation of the Action Plan by Secunderabad Cantonment Board to ensure treatment and disposal of sewage generated.

Place: Hyderabad

Date: 27-11-2024



ENVIRONMENTAL ENGINEER

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

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Annexure - I



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



CENTRAL LABORATORY

Analysis Report

Reg. No. SR/05/TGPCB/HO/R00/LAB/2024/09/355
Collected on: 20/09/2024
Test method: Standard Methods of APHA, 24th Edition
Issue date: 28/09/2024


Collected by: AES, RO, Medchal
Received on: 21/09/2024
Quantity of the sample: 1 Ltr. sample
Page No: 1 of 2

Sample code : Sample details

24/09/355 - Water sample collected from open well located in the premises of Dr. M.S. Tejashwari, Trimulgherry, Medchal-Malkajgiri District.

Parameters	Method No.	Unit	Results
			24/09/355
pH at 25° C	4500-H+B	-	7.29
Electrical conductivity at 25° C	2510 B	µS/cm	1193
Chemical Oxygen Demand	5220-B	mg/L	28
BOD ₅ at 27° C	IS 3025	mg/L	08
Total Suspended Solids	2540-B	mg/L	<5
Total Dissolved Solids	2540-C	mg/L	752
Total Kjeldhal Nitrogen	4500-N _{o2} B	mg/L	<5
Oil & Grease	5520 - B	mg/L	<0.1
Ammonical Nitrogen	4500-NH ₃ C	mg/L	<5

Note: Results related to sample as received.


Joint Chief Environmental Scientist



(5)

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

CENTRAL LABORATORY

Analysis Report

Reg. No. SR/05/TGPCB/HO/R00/LAB/2024/09/355
Collected on: 20/09/2024
Test method: Standard Methods of APHA, 24th Edition
Issue date: 28/09/2024

Collected by: AES, RO, Medchal
Received on: 21/09/2024
Quantity of the sample: 1 Ltr. sample
Page No: 2 of 2

Sample code : Sample details.

24/09/355 : Water sample collected from open well located in the premises of Dr. M.S. Tejashwari, Trimulgherry, Medchal-Malkajgiri District.

Parameters	Unit	Method No.	Results
			24/09/355
Dissolved oxygen	mg/L	4500- O C	6.2
Free Ammonia	mg/L		BDL
Total coliform	MPN/100ml	9221 - B, C	350
Fecal coliform	MPN/100ml	9221 - B, C	<1.3

Note: Results related to sample as received.
BDL: Below Detectable limit.


Joint Chief Environmental Scientist

**TELANGANA POLLUTION CONTROL BOARD
REGIONAL OFFICE, MEDCHAL**



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Pr.No.43/GEN/TGP/RO-MDC/2024

Date: 25.11.2024

To
The Joint Chief Environmental Scientist,
T.G. Pollution Control Board,
Central Laboratory, Sanathnagar,
Hyderabad

Sub: TGP/RO-Medchal - Submission of water samples - Analysis Requested - Rec.

Ref: Hon'ble NGT, Chennai - Original Application No. 97 of 2022 filed by Dr. M.S. Tejaswani, D/o Late Sri M. Sathyanarayana Reddy, R/o H. No. 3-16, 668/A, Trimbhagery, X Roads, Medchal-Malkajgiri District. ***

The following sample has been collected by AFS of this office on 25.11.2024. The details of the sampling points are as follows:

Sl.No.	Location of the samples
1	Water sample collected from the open well located in the premises of Dr. M.S. Tejaswani, Trimbhagery, Medchal-Malkajgiri District.

It is requested to arrange the analysis of the above samples for the following parameters and communicate the analysis reports to this office at the earliest.

Parameters	Core parameters & Bacteriological parameters
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Yours faithfully
G. Rajender
25/11/2024
ENVIRONMENTAL ENGINEER

09/11/24
Sample submitted by
09/11/24



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ANNEXURE-II
CONSTRUCTION OF I & D STRUCTURES



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ANNEXURE-III

Photographs showing the progress of the works at Applicant's Land.



Pumping out of the well water.



Removing the bottom sediment from the open well



Removal of the bottom sediment from the open well.