

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI
ORIGINAL APPLICATION NO. 222/2021 (SZ)**

IN THE MATTER OF:

Jagan Kumar J.

...APPLICANT

Versus

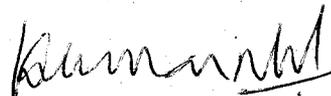
Principal Secretary
Forest, Environment and Ecology Department
Bangalore and Others

...RESPONDENTS

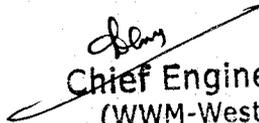
**REPORT ON BEHALF OF RESPONDENT NO. 4, BANGALORE
WATER SUPPLY AND SEWERAGE BOARD**

MOST RESPECTFULLY SHOWETH:

1. The present Original Application has been filed with respect to the alleged encroachment and pollution of KR Puram Lake, Bangalore Urban District.
2. That this Hon'ble Tribunal vide order dated 24.11.2022 had directed the answering Respondent to file a status report regarding the current position of the measures taken by the answering Respondent after filing of the previous report dated 07.02.2022. More particularly, it was directed to furnish the status of the work regarding laying 450 mm diameter NP-3 class

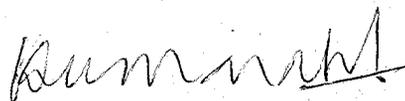


Chief Engineer (East)
BWSSB
7th Floor, Cauvery Bhavan
K.G. Road, Bengaluru - 560 009


Chief Engineer
(WWM-West)
BWSSB

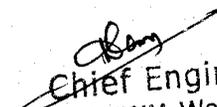
RCC sewer pipeline, to convey the sewage from Rangappa Thota to TC Palya Signal to Yelemallappa Chetty STP, which was stated in the prior report to be carried out by March 2022. The following is stated in this regard.

3. As reported earlier, there are 3 inlet points to the lake and one outlet from the lake. Inlet 1 is on the South Western side of the Lake, i.e., from KR Puram STP side. In this inlet, treated water from the two KR Puram STPs is let into KR Puram Lake and there is no untreated waste water entering into Lake from this side.
4. Inlet 2 is situated on the North Western side (Meenakshi Temple side) which conveys storm water from CMC areas, to this lake. It is submitted that only during rains, untreated sewage mixed with the rain water enters the Lake.
5. It is submitted that in between inlet 3 and the outlet point, both situated on the North Eastern side of Lake, there was damage caused to the existing old NP-2 class pipeline running adjacent to the lake which was inundated in the lake. As a result, waste water through the damaged points from this pipeline was getting



Chief Engineer (East)
BWSSB

7th Floor, Cauvery Bhavan
K.G. Road, Bengaluru - 560 009

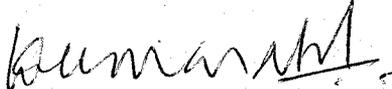

Chief Engineer
(WWM-West)
BWSSB

mixed with the lake water and was overflowing near the Waste weir of the Lake.

6. In view of the above new work of laying 450 mm diameter NP-3 class RCC sewer pipeline was proposed, as was mentioned in the previous report dated 07.02.2022. Regarding the specific query raised by this Hon'ble Tribunal pertaining to the status of the said work to be carried out at Inlet No. 3, it submitted that **the same has been completed** to convey the sewage from Rangappa Thota to TC Palya Signal to Yelemallappa Chetty STP and entry of raw sewage to the lake is thus being avoided.
7. That the following 2 STPs have been established and are under Operation:

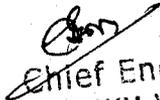
Sl. No.	Name of the STP	Capacity	Currently Treating
1	K R Puram (Old)	20 MLD	15.72 MLD
2	KR Puram (New)	20 MLD	17.98 MLD
	Total	40MLD	33.70 MLD

8. That in the downstream of these two plants, BWSSB has already established a 15 MLD capacity STP at Yellemallappachetty Lake



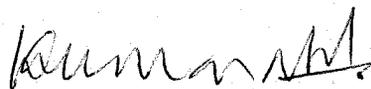
Chief Engineer (East)
BWSSB

7th Floor, Cauvery Bhavan
K.G. Road, Bengaluru - 560 009

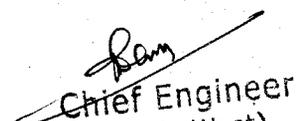

Chief Engineer
(WWM-West)
BWSSB

and at present this STP is receiving sewage of 12 to 13 MLD for treatment. After treatment the effluent is being let into natural drain. BWSSB has taken all necessary steps to run these STPs to their designed capacity.

9. It is submitted that periodical maintenance works are taken up for clearing the blockages and desilting work of sewer network for removing silt which was deposited during the recent heavy rains.
10. The sewage generated from upstream areas of Anand Nagar, K.T Garden, Sri Sai Garden layout and surrounding areas was conveyed to old STP at KR Puram through the 500mm dia pipeline which was laid long back along the side of the lake.
11. At present the roots of trees has caused dislodging of pipes along the alignment and there is no free flow of sewage in the pipeline. The pipeline is also getting silted up and there is over flowing of sewage in the drain leading to lake.
12. To remedy the above situation, BWSSB has proposed the following works, all of which are to be completed by **May 2023**:

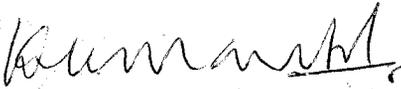


Chief Engineer (East)
BWSSB
7th Floor, Cauvery Bhavan
K.G. Road, Bengaluru - 560 009



Chief Engineer
(WWM-West)
BWSSB

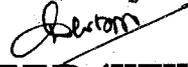
- A. Work of laying 600mm dia RCC NP-3 Class RCC sewer pipeline for a length of 570 Rmt along the side of the lake bund from Meenakshi Temple to K.R.Puram old STP to convey the sewage from Meenakshi Temple to K.R.Puram old STP which is under tender process;
- B. Work of providing and laying 350mm diameter RCC NP3 class pipe at meenakshi temple road to along KR Puram lake bund upto TC palya main road coming under K R Puram; and
- C. Work of providing and laying 350mm diameter RCC NP3 class pipe at old police station road to mahabaleshwara temple coming under KR Puram
13. It is submitted that survey work has been carried out at lake surrounding areas to identify any left out house connections and lateral lines which are discharging sewage directly to the SWD will be connected to the sewer network after completion of the work proposed at Inlet No.2.
14. After completion of the above works and also lateral linking works, sewage can be conveyed to K.R.Puram old STP and sewage entry at Inlet No. 2 will hence be avoided.


Chief Engineer (East)
BWSSB
7th Floor, Cauvery Bhavan
K.G. Road, Bengaluru - 560 009


Chief Engineer
(WWM-West)
BWSSB

15. After completion of the all above works the direct entry of raw sewage into KR Puram Lake will be avoided, which will in turn improve the quality of lake water. It is hence submitted that the answering Respondent is taking all steps possible to ensure stoppage of entry into the sewage at the earliest.
16. The above submissions are thus placed on record for this Hon'ble Tribunal's consideration.


CHIEF ENGINEER(M-EAST)
 Chief Engineer (East)
 BWSSB **BWSSB**
 7th Floor, Cauvery Bhavan
 K.G. Road, Bengaluru - 560 009


CHIEF ENGINEER (WWM-WEST)
 Chief Engineer
 (WWM-West) **BWSSB**
 BWSSB

THROUGH



DARPAN KM
ADVOCATE FOR BWSSB