

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

ORIGINAL APPLICATION NO. 27 OF 2016 (SZ)

Between:

Tribunal on its own motion SUO MOTU
based on the News Item in "Eenadu" Telugu
Daily Main Edition, Hyderabad, 07.02.2016.

... Applicant(s)

AND

The Chief Secretary,
State of Telangana & others

... Respondent(s)

RUNNING INDEX

Sl. No.	Particulars	Page Nos.
1.	Report dated 15.12.2020 of Telangana State Pollution Control Board.	1 – 12
2.	Annexure-I – CPCB Water Quality Criteria	13
3.	Annexure-II – Commissioner, Panchayat Raj & Rural Employment letter dated 08.12.2020.	14 – 15

Date: 15-12-2020.

Place: Hyderabad.

Counsel for the Respondent No.3

REPORT DATED 15-12-2020 OF THE TELANGANA STATE POLLUTION CONTROL BOARD (R3) IN SUO MOTU APPLICATION NO. 27 OF 2016

The Hon'ble NGT vide order dated 26.08.2020 directed to file a report on steps taken for control of pollution in River Krishna particularly on the following aspects:-

- i. The State Pollution Control Board is directed to submit further Action Taken Report for non-compliance of the Solid Waste Management Rules, 2016 in the local bodies, which are responsible for causing pollution to River Krishna.
- ii. The State Government is directed to submit a proper Action Plan for protecting River Krishna against pollution being caused, with the permanent & interim arrangements being taken up, till the necessary STPs are established to treat the sewage generated along the stretch of River Krishna.
- iii. The State Government and the State PCB are directed to submit the report in the Tribunal within a period of three months i.e., **on or before 17.12.2020.**

The following are submitted for kind consideration:

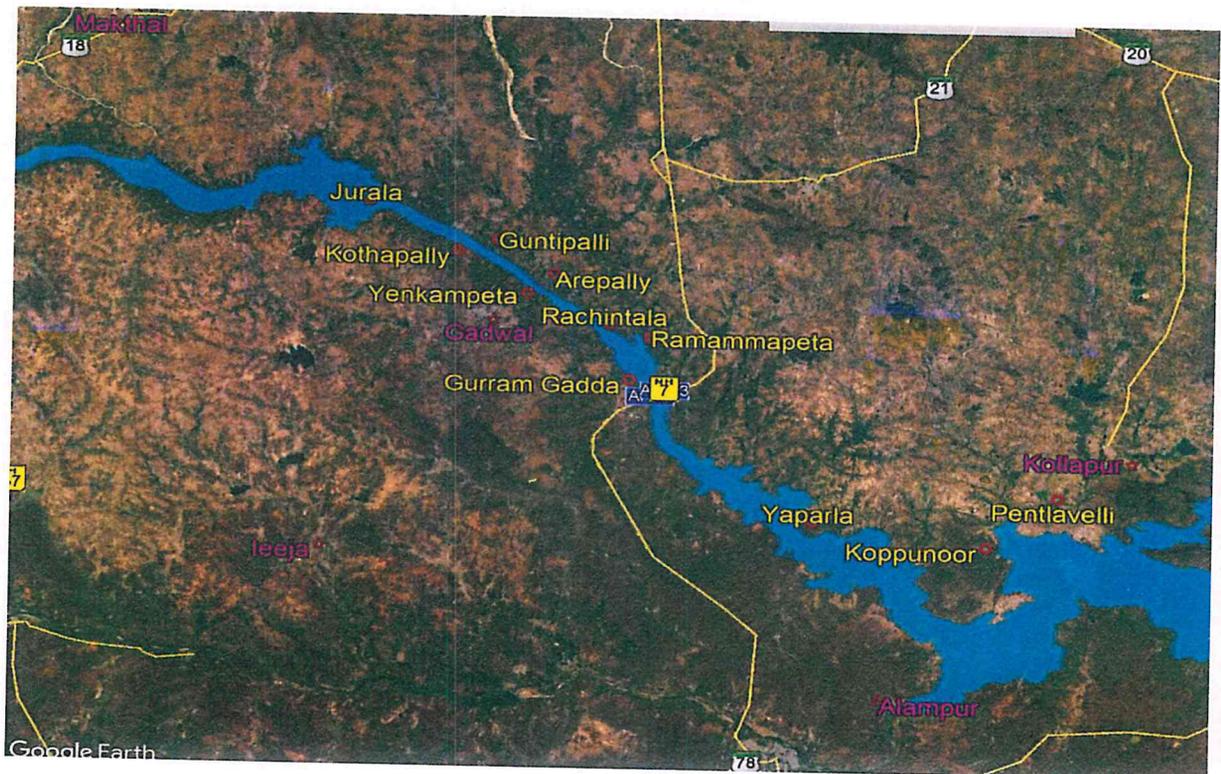
It is humbly submitted that, as per the CPCB classification based on the water quality, River Krishna is placed in Priority-V (BOD range 3-6mg/l) and the desired range is to maintain the water quality in class 'B' i.e., BOD range less than 3mg/l. The Hon'ble NGT issued directions to State Governments in OA.No.673/2018 (Polluted River Stretches) to submit action plans for rejuvenation of the Polluted River Stretches within two months. In compliance to the Hon'ble NGT orders, Government of Telangana prepared an action plan for rejuvenation of the Rivers based on the available desktop information (population, catchment area and topographical sheet) including River Krishna. A copy of the same was submitted before Hon'ble NGT in OA.No.27/2016. However, the exact quantification where direct influence of disposing the solid waste and that of the untreated sewage water is not carried out and the action plan is prepared for entire catchment area without prioritizing the direct sources. The estimates for Sewage and Solid Waste are prepared based on the total population in the catchment area. The water demand per capita of 135 lpcd for urban areas and 65 lpcd for rural areas (Source: CPCB/HMWSSB/PHED/WHO) are considered for estimating the water demand of the villages/towns. The sewerage generation is taken as 80% of water demand. The solid waste generation are calculated using per capita generation of 0.1 kg/day for villages and 0.3 kg/day for towns.

It is to submit that, the field level information was collated by irrigation department and PHED to understand the direct contribution of the sewage to River Krishna and based on the observations, the direct effect of the sewage and the solid waste on the River Krishna in Telangana is very less due to the following:

1. There is no major habitation in the Stretch of River Krishna in Telangana. The details of the five Urban Local bodies which are near to River Krishna are as follows:

Town/ ULB	Aerial Distance to River Krishna	Population 2020	Sewage Generation in MLD	Remarks
Gadwal	About 3 Kms away	77710	8.39	The irrigation dept informed that the slope gradient of the town is on the opposite side and Sewage to reach River Krishna has to travel significant distance and is not reaching the River Krishna
Alampur	About 7 Kms away	15813	1.71	The irrigation dept informed that the slope gradient of the town is not towards the River Krishna.
leeja	About 35 Kms away	33368	3.60	The town is far away from River Krishna and water is not reaching the River Krishna
Kollapur	About 5 Kms away	26489	2.86	The sewage generated is not reaching the River Krishna
Makthal	About 15 Kms away	27536	2.97	The town is far away from River Krishna and water is not reaching the River Krishna

The towns on the Google map are placed for kind perusal:



2. River Krishna flows about 200 Kms in the Nallamalla Forest Range, i.e., half of the stretch in Telangana is in the forest range without any direct sources of pollution except minor habitation.
3. The details of the Gram panchayaths within 15 KMs radius of River Krishna are as follows:

S No	Name of the District	Total No. of Mandals	No of Mandals in River Stretch	No. of Grama Panchayats	Grama Panchayats within 15 K.M. range	Population in these G.P.s
1	JogulambaGadwal	12	5	255	71	114840
2	Nagarkurnool	20	4	461	14	26654
3	Nalgonda	31	7	844	91	130759
4	Narayanpet	11	4	280	53	75966
5	Suryapet	23	4	475	61	98832
6	Wanaparthy	14	5	255	81	131854
	Grand Total	111	29	2570	371	578905

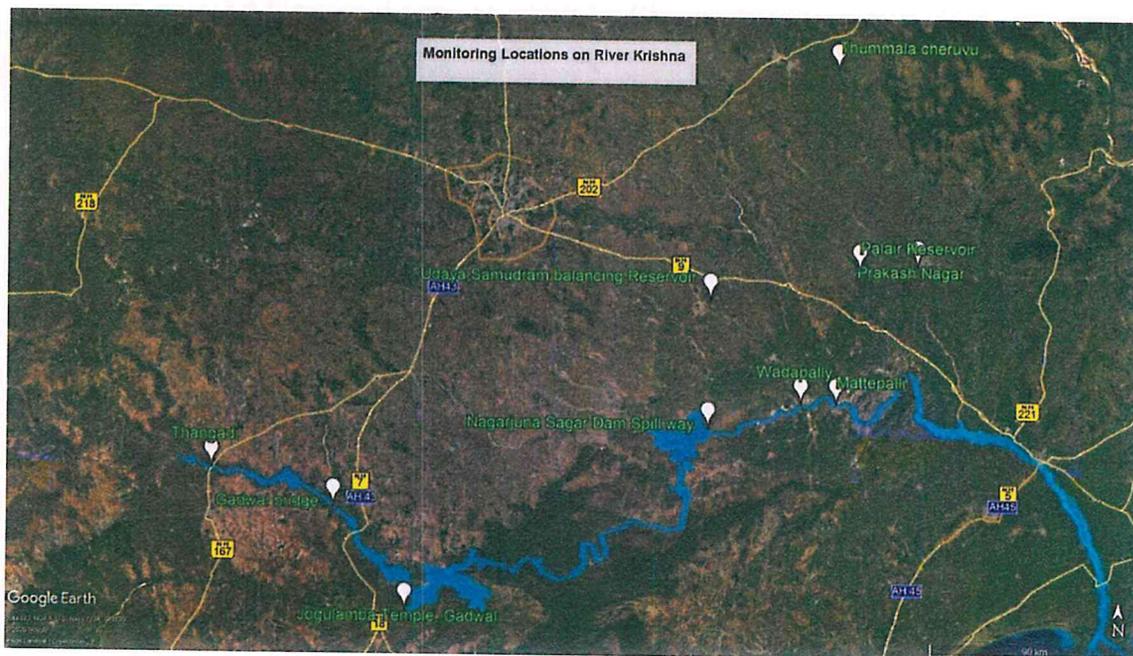
The above details of the Gram panchayaths are spread across a length of 416KMs of the River Krishna and is sparsely populated.

4. There is no industrial pollution in the entire stretch of River Krishna in Telangana and only two major industries are located. The details of the industries are tabulated below:

S. No.	Name and Type of Industry	Quantity of effluents generated (KLD)	Effluents Treatment methods	Inlet Characteristics Recent report	Outlet Characteristics Recent report	Disposal methods
1	Surya Teja Power Projects Pvt Ltd - Power generation	288.48	Settling Tank	-	pH - 7.22, BOD - 10 mg/l, COD - 58 mg/l	Used for irrigation and plantation
2	Allied Blenders and Distillers Pvt. Ltd Distillery industry	1175.72	MEE and ETP	pH - 7.16, TSS - 104 mg/l, TDS - 1973mg/l, COD - 276mg/l, BOD-66mg//l, Oil & Grease - 0.3 mg/l.	pH - 7.84, TSS - 27 mg/l, TDS - 1650 mg/l, COD - 142 mg/l, BOD- 21mg//l, Oil & Grease - 0.2 mg/l	Process effluents (926.72) are treated in Zero Liquid Discharge (ZLD) Plant and recycled.

These industries are being regularly monitored by TSPCB and are found to be complying the consent conditions and no discharges outside the premises.

Further, it is to humbly submit that Telangana State Pollution Control Board (TSPCB) is monitoring the water quality of River Krishna on monthly basis. Further, water quality monitoring at additional points was also commenced for better understanding of the changes in water quality. It is humbly submitted that, the analysis results over the period of the time shows that, the water quality of River Krishna is meeting the desired Class 'B'. The Monitoring points of the water quality on the River Krishna are labeled on the map for kind perusal.



Water Quality Analysis report:The summary of the analysis reports from the year 2014 to till date corroborate that the annual averages are meeting the CPCB class 'B' parameters which is desired as per the Hon'ble NGT orders in OA.No.673/2018. CPCB water quality classification is placed as Annexure-I.

I. Annual Averages of pH (as per the CPCB classification for Class'B' is 6.5 to 8.5)

Station name	2014	2015	2016	2017	2018	2019
River Krishna at Thangadi	8.0	7.5	7.73	7.95	7.86	8.02
River Krishna at Gadwal bridge	8.1	8.1	7.77	7.87	7.94	7.95
Wadapally after confluence with Musi	8.5	8.1	7.95	8.18	8.26	7.3
River Krishna at Mattampally	-	-	-	-	-	7.3
River Munneru at Thummalacheruvu	7.7	7.5	7.67	8.21	7.66	7.7
Nagarjuna Sagar Dam Spill way	-	-	-	-	8.1	7.4
Udaya Samudram balancing Reservoir,	-	-	-	-	7.9	7.4
Palair Reservoir, Khammam	-	-	-	-	7.9	8.0

The concentrations of the pH are within the range of the CPCB classification of Class B for surface waters.

II. Annual Averages of BOD concentrations (as per the CPCB classification for Class'B' shall be less than 3mg/l)

Station name	2014	2015	2016	2017	2018	2019
River Krishna at Thangadi	6.9	5.4	3	3	7	2.9
River Krishna at Gadwal bridge	6.4	3.5	3	2	4	2.9
River Krishna at Wadapally after confluence with River Musi	1.5	3.4	3	3	3	2.4
River Krishna at Mattampally	-	-	-	-	-	2.2
River Munneru at Thummalacheruvu	9.8	3.2	4	3	4	3.0
Nagarjuna Sagar Dam Spill way	-	-	-	-	3.7	2.4
Udaya Samudram balancing Reservoir, Panagal (V), Nalgonda	-	-	-	-	2.5	2.2
Palair Reservoir, Khammam	-	-	-	-	2.4	3.0

The concentrations of the BOD are within the range of the CPCB classification of Class B for surface waters and from 2019 onwards well within the B class due to the interventions taken by the Government.

III. Annual Averages of DO concentrations (as per the CPCB classification for Class'B' shall be 5mg/l or more)

Station name	2014	2015	2016	2017	2018	2019
River Krishna at Thangadi	4.7	5.7	5.3	5.1	5.2	5.3
River Krishna at Gadwal bridge	5.2	5.5	5.1	4.7	5.1	5.4
Wadapally after confluence with Musi	5.5	6.7	7.0	7.6	7.2	6.7
River Krishna at Mattampally	-	-	-	-	-	6.8
River Munneru at Thummalacheruvu	4.5	5.1	5.8	5.6	5.7	5.3
Nagarjuna Sagar Dam Spill way	-	-	-	-	7.1	7.3
Udaya Samudram balancing Reservoir	-	-	-	-	6.7	6.8
Palair Reservoir, Khammam	-	-	-	-	6.2	5.9

The concentrations of the Dissolved Oxygen are consistently above 5mg/L since 2018 onwards and meeting the CPCB classification of Class B for surface waters.

IV. Annual Averages of Total Coliforms Organism MPN/100ml (as per the CPCB classification for Class'B' shall be 500 or less)

Station name	2014	2015	2016	2017	2018	2019
River Krishna at Thangadi	150.2	30.0	139	158	176	29
River Krishna at Gadwal bridge	114.8	42.0	124	149	131	26
Wadapally after confluence with Musi	107.2	91.0	434	642	108	26.0
River Krishna at Mattampally	-	-	-	-	-	14.0
River Munneru at Thummalacheruvu	240.0	161.0	214	188	69	37.0
Nagarjuna Sagar Dam Spill way	-	-	-	-	21.3	15.6
Udaya Samudram balancing Reservoir,	-	-	-	-	30.0	19.4
Palair Reservoir, Khammam	-	-	-	-	42.6	22.3

The parameter is meeting the CPCB classification of Class B for surface waters.

At present River Krishna stretch in Telangana is placed in Priority-V (last in priority with very low pollution) and the River Krishna is meeting the CPCB classification of the Class 'B' because of the various actions initiated. The Government is requesting to remove the River Krishna from Polluted River Stretches in Telangana during the monthly review conducted by Central Monitoring Committee constituted under OA.No.673/2018.

In compliance to the Orders issued on 26-08-2020, the details on the actions initiated by the Government with regards to the Solid Waste Management and Sewage management in River Krishna are submitted for kind consideration.

- I. **SOLID WASTE MANAGEMENT**: It is to humbly submit that, in compliance to the Hon'ble NGT orders in OA.No.606/2018, a quarterly progress report is being submitted by the Government on the status of implementation of the activities for the solid waste management. The following are the actions initiated in the five ULBS and in the nearby Gram Panchayaths.

- A. **Solid Waste Management in ULBs near River Krishna**: It is estimated that about 51 TPD of solid waste is generated from these ULBs as detailed below:

ULB	MSW in TPD
1. Gadwal	17
2. Alampur	5
3. Ieeja	12
4. Kollapur	9
5. Makthal	8
	51 TPD

The following actions are under implementation in the 5 ULBs:

- 100% Door-to-door waste collection
- Encouraging Waste segregation during door-to-door waste collection
- Encouraging on-site wet waste composting by Bulk Waste Generators (BWGs)
- Establishing DRCCs for processing Dry waste
- Segregation and reuse of dry waste such as plastics, cardboard, Paper, Leather, glass etc.
- Composting of wet waste at Centralized location within the ULB by ULB staff
- Ban on Single Use Plastic
- Involvement of SHGs / SLFs / TLFs for improving waste collection and segregation scenario

ULB	% of door to door collection	Waste collection Vehicles (Nos)	Composting Sheds (nos.)	DRCC Shed (Nos.)	Awareness programs
1. Gadwal	100%	Tractors – 7 Autos – 15 Total: 22 vehicles	<ul style="list-style-type: none"> • Windrow composting is practised • 1 shed is under construction 	1 (Additional 1 shed is under construction)	<ul style="list-style-type: none"> • Awareness campaign conducted for Source segregation • Awareness programs are conducted with Street vendors, SLFs, SHGs for: <ul style="list-style-type: none"> ○ Single Use Plastic ban ○ ODF ○ Home composting
2. Alampur	100%	Tractor: 2 Autos: 3 Total: 5 vehicles	<ul style="list-style-type: none"> • Windrow composting is practised • Land is identified for setting up the shed 	0	<ul style="list-style-type: none"> • Awareness programs are planned to be conducted in month • No program yet conducted
3. Ieeja	100%	Tractor: 2 Autos: 7 Total: 9 vehicles	<ul style="list-style-type: none"> • Windrow composting is practised • Land is identified. Proposed to commence in this month 	0 (Land is identified. Proposed to commence in this month)	<ul style="list-style-type: none"> • Awareness programs are conducted with Street vendors on following subjects: <ul style="list-style-type: none"> ○ Source segregation ○ Single Use Plastic ban ○ ODF

ULB	% of door to door collection	Waste collection Vehicles (Nos)	Composting Sheds (nos.)	DRCC Shed (Nos.)	Awareness programs
					<ul style="list-style-type: none"> ○ Home composting
4. Kollapur	100%	Tractor: 3 Autos: 4 Total: 7 vehicles	<ul style="list-style-type: none"> ● 1 shed is available and composting is done ● 1 TPD wet waste is processed 	1 (1 TPD dry waste processed)	<ul style="list-style-type: none"> ● Awareness campaigns conducted with MahilaSangathalu, Shops / Market Association and Sanitation staff ● Following topics are covered during the campaign: <ul style="list-style-type: none"> ○ Source segregation ○ Single Use Plastic ○ Home Composting
5. Makthal	100%	Tractor: 2 Autos: 2 eAutos:3 Total: 7 vehicles	<ul style="list-style-type: none"> ● Windrow composting is practiced 	1 (1 TPD dry waste processed)	<ul style="list-style-type: none"> ● Awareness programs are planned to be conducted in month ● No program yet conducted

To further improve the Solid waste management scenario in these ULB, CDMA has floated a tender to select private agency on PPP basis to establish solid waste management processing plant for processing fresh waste and undertake bio-mining of legacy waste. 9 bidders submitted proposals and are currently under evaluation which will be completed within one month. As per the tender document on issue of the work order the agency shall establish the facility within 6 months duration. The Bio-mining has to be completed within 18 months. Total estimated cost for Setting up Fresh MSW Processing facilities in these 5 ULBs is Rs. 19.50 Crores and Total estimated cost for setting up Bio-mining facilities is Rs.6.00 Crores.

B. Solid Waste Management in Gram Panchayaths within 15Kms radius of River Krishna:

Door to door collection and segregation sheds are being taken up at each village level. Construction of Segregation Sheds have been taken up in each village with the cost of Rs.2.30 lakhs. Two Dust bins were provided to each house either by the Grama Panchayat or by the Donor for collection of dry and wet waste. Further in each Grama Panchayat have purchased a Tractor, Trolley with the Grama Panchayat funds. These Tractors are collecting dry and wet waste from the households and transported to the Segregation Shed where dry waste will be kept in separate compartments as metal, plastic, clothes etc. Wet waste will be processed to prepare vermi compost.

The number of villages and the details of status of the segregation sheds construction are as follows (Annexure-II): -

Sl. No.	Name of the District	Actions initiated in the GPs of River Krishna for SWM
1	Jogulamba Gadwal	71 Gram Panchayats are in Krishna River Basin within the radius of 15 K.M.s. Solid Waste Management 70 works were taken up and completed 49 works with expenditure Rs. 157.48 Lakhs.
2	Nagarkurnool	14 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. Solid Waste Management 12 works were taken up and completed 9 works with expenditure Rs.19.06 Lakhs.
3	Nalgonda	91 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. Solid Waste management 85 works were taken up and completed 85 works with expenditure Rs 84.07 Lakhs.
4	Narayanpet	53 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. Further under Solid Waste management 53 works were taken up and completed 53 works with expenditure Rs 89.12 Lakhs.
5	Suryapet	61 Gram Panchayats are in Krishna River Basin within the radius of 15 K.M.s. Solid Waste management 61 works were taken up and completed 50 works with expenditure Rs 82.73 Lakhs.
6	Wanaparthy	81 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. Solid Waste management 81 works were taken up and completed 81 works with expenditure Rs 169.37 Lakhs.

II. Sewage management: The following Initiatives are taken by the Government for managing the sewage that is entering River Krishna:

A. Sewage Management in the ULBs: It is estimated that about 15.94 MLD of wastewater is generated from the ULBs under Krishna river stretch. The DPRs are prepared for construction of the STPs as detailed below

The Detailed Project Reports for construction of the STP are prepared by the PHED and the details of which are as follows:

S.No	ULB	Total STPs proposed	Capacity of the STPs in MLD to meet the projected demand as per the 2050 population estimates
1	Gadwal	3	15.5
2	leeja	2	6.5
3	Kollapur	2	5.5

The Environment Protection Training and Research Institute (EPTRI), Hyderabad was entrusted to prepare plan to operationalise the defunct STP located at Alampur constructed during erstwhile Gram Panchayat. The EPTRI submitted a mitigation plan in respect of Alampur and the same was forwarded to Engineer-in-Chief (PH) vide letter dt.23.11.2020 for offering the remarks. The activities will be expedited to operationalise the same.

As an interim measure, actions has been already taken for construction of Faecal Sludge Treatment Plants (FSTP) in the following ULBs which will reduce the BOD load by more than 50% and same shall be completed by June-2021.

ULB	Capacity in KLD	Status of FSTP establishment
1. Gadwal	20	Work order is issued to M/s PVCRR JV Infra Pvt Ltd for establishment of FSTP.
2. leeja	10	
3. Kollapur	10	

Regarding construction of FSTP at Makthal, Government vide G.O.Rt.No.358 dt.4.9.2020 have already accorded Administrative sanction of Rs 26.00 Crores for establishment of FSTPs in the newly formed 68 ULBs (including Makthal) and preparation of tender documents are under process by ASCI, Hyderabad.

B. Sewage management in the Villages nearby River Krishna: The liquid waste in these Gram Panchayats is not drained in the river and Panchayats are restricting the liquid waste in their Gram Panchayats duly constructing house hold Soak Pits. The details of the soakpits proposed in this financial year and that are completed as on date are provided below (Annexure-II):-

Sl. No.	Name of the District	Actions initiated in the GPs of River Krishna for sewage management
1	Jogulamba Gadwal	71 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. So far 16,518 Soak Pits were taken up and completed 10,412 with an expenditure of Rs.198.56 Lakhs.

Sl. No.	Name of the District	Actions initiated in the GPs of River Krishna for sewage management
2	Nagarkurnool	14 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. So far 815 Soak Pits were taken up and completed 607 with an expenditure of Rs.17.95 Lakhs.
3	Nalgonda	91 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. So far 10351 Soak Pits were taken up and completed 3311 with an expenditure of Rs 85.96Lakhs.
4	Narayanpet	53 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. So far 5094 Soak Pits were taken up and completed 2693 with an expenditure of Rs135.67 Lakhs.
5	Suryapet	61 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. So far 1069 Soak Pits were taken up and completed 960 with an expenditure of Rs43.30 Lakhs.
6	Wanaparthy	81 Gram Panchayats are in Krishna River Basin with the radius of 15 K.M.s. So far 86 Soak Pits were taken up and completed 86 works with an expenditure of Rs.10.86 Lakhs.

River Water Quality:

TSPCB is monitoring the river Krishna water quality on monthly basis. The monthly analysis reports are placed for kind perusal and information. The parameters as per the Class B of CPCB criteria and its compliance in the year 2019 and 2020 are as follows:

S. No.	CPCB criteria for class B	Status of compliance 2019 to 2020 (till September, 2020) based on monthly concentrations
1	BOD 5 days 20 °C, 3mg/l or less	Meeting all the months in 2019 and marginally exceeding in January and March (4mg/l) of 2020
4	Dissolved Oxygen 5mg/l or more	The DO concentrations are meeting all the months except at two locations for three months in summer period that too marginally due to lean flow in 2019 and 2020.
2	Total Coliforms Organism MPN/100ml shall be 500 or less	Meeting all the months at all the points
3	pH between 6.5 and 8.5	Meeting all the months at all the points

It is to humbly submit that, as per the Hon'ble NGT orders in OA No.673/2018, directions were issued to maintain the class 'B' water quality in the Rivers. The Government is taking all proactive measures in protecting the pristine nature of the Rivers. The maintenance of the water quality of River Krishna in class 'B' since 2019 is the result of ongoing actions and those that are implemented by the Government in the previous year. Further, improvements is envisaged due to the proposed measures.

It is respectfully submitted, that the required parameters are met in the State of Telangana and appropriate steps have been taken and are being continued to be taken to prevent any pollution of the stretch of River Krishna flowing in the State of Telangana and the standards of the water has improved and maintained significantly. Further, the monthly progress report of the actions initiated are being filed and monitored by the Hon'ble Principal Bench of this Hon'ble Tribunal in O.A.No:673 of 2018.

Therefore it is most humbly prayed that this Hon'ble Tribunal may be pleased to close the proceedings in the above Suo Motu Application No:27 of 2016 in so far as it concerns the State of Telangana and the Telangana State Pollution Control Board and pass such further or other orders and thus render justice.

Dated at Hyderabad on this the 15th day of December, 2020

For TELANGANA STATE POLLUTION CONTROL BOARD

Sd/-
MEMBER SECRETARY

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



SENIOR ENVIRONMENTAL ENGINEER
LEGAL, TSPCB, HEAD OFFICE, HYD.

ANNEXURE - I

CPCB – Water quality criteria

Designated-Best-Use	Class of water	Criteria
Drinking Water Source without conventional treatment but after disinfection	A	Total Coliforms Organism MPN/100ml shall be 50 or less pH between 6.5 and 8.5 Dissolved Oxygen 6mg/l or more Biochemical Oxygen Demand 5 days 20C 2mg/l or less
Outdoor bathing (Organised)	B	Total Coliforms Organism MPN/100ml shall be 500 or less pH between 6.5 and 8.5 Dissolved Oxygen 5mg/l or more Biochemical Oxygen Demand 5 days 20C 3mg/l or less
Drinking water source after conventional treatment and disinfection	C	Total Coliforms Organism MPN/100ml shall be 5000 or less pH between 6 to 9 Dissolved Oxygen 4mg/l or more Biochemical Oxygen Demand 5 days 20C 3mg/l or less
Propagation of Wild life and Fisheries	D	pH between 6.5 to 8.5 Dissolved Oxygen 4mg/l or more Free Ammonia (as N) 1.2 mg/l or less
Irrigation, Industrial Cooling, Controlled Waste disposal	E	pH betwwn 6.0 to 8.5 Electrical Conductivity at 25C micro mhos/cm Max.2250 Sodium absorption Ratio Max. 26 Boron Max. 2mg/l
	Below-E	Not Meeting A, B, C, D & E Criteria

GOVERNMENT OF TELANGANA
OFFICE OF THE COMMISSIONER OF PANCHAYAT RAJ AND RURAL
EMPLOYMENT, URUDU HALL LANE, HIMAYAT NAGAR, HYDERABAD

From:
M.Raghunandan Rao, I.A.S.,
Commissioner, PR&RE,

To:
The Member Secretary,
Telangana State Pollution Control Board,
Paryavaran Bhavan, A-3, Industrial
Estate, Sanathnagar, Hyd-18.

Lr.No.CPR RE-C-4 /NGT/791702/2020-C-Section Dt:08.12.2020.

Sir,

Sub:- Panchayats-NGT-Hon'ble NGT, Chennai -Suo Motu Application No.27 of 2016 (SZ)-Paper clipping appeared in Eenadu News paper on 07-02-2016 against pollution of Krishna River Basin in the Telangana State-Action Taken Report called for-Submitted-Reg.

Ref:- 1. Govt.Memo.No.10101/MB.III/A2/2019-15, dt:03.10.2020 of PR&RD Dept.
2. Reports received from the District Panchayat Officers of 6 Districts.

Kind attention is invited to the reference cited, in the reference 1st cited, Government have requested to look into the matter personally and send a report on the directions dt:26.08.2020 of Hon'ble NGT, Chennai as directed therein, to Government, urgently, so as to enable to furnish a report to the TSPCB, Hyderabad within the stipulated time as desired therein.

With reference to the Govt. orders in the reference 1st cited all the District Panchayat Officers in Krishna River basin of the State were requested to take necessary action on the latest order dt:26.08.2020 of Hon'ble NGT, in Suo Motu Application No.27 of 2016 on paper clipping appeared in Eenadu News paper on 07.02.2016 against pollution of Krishna River in Telangana.

In this regard, it is submitted that reports received from District Panchayat Officers of 6 Districts in Krishna River Basin of the State have submitted reports stating as follows:

Sl.No.	Name of the District	Report of the DPO
1	Jogulamba Gadwal	The District Panchayat Officer of Jogulamba Gadwal has reported that 71 Grama Panchayats are in Krishna River Basin with the radius of 15 K.M.s. The liquid waste in these Gram Panchayats is not drained in the river and Panchayats are restricting the liquid waste in their Gram Panchayats duly constructing house hold Soak Pits. So far 16,518 Soak Pits were taken up and completed 10,412 with an expenditure of Rs.198.56 Lakhs. Further under Solid Waste management 70 works were taken up and completed 49 works with expenditure Rs. 157.48 Lakhs. Further submitted that steps are being taken in the Gram Panchayats for not polluting the Krishna River.
2	Nagarkurnool	The District Panchayat Officer of Nagarkurnool has reported that 14 Grama Panchayats are in Krishna River Basin with the radius of 15 K.M.s. The liquid waste in these Gram Panchayats is not drained in the river and Panchayats are restricting the liquid waste in their Gram Panchayats duly constructing house hold Soak Pits. So far 815 Soak Pits were taken up and completed 607 with an

		expenditure of Rs.17.95 Lakhs. Further under Solid Waste management 12 works were taken up and completed 9 works with expenditure Rs.19.06 Lakhs. Further submitted steps are being taken in the Gram Panchayats for not polluting the Krishna River.
3	Nalgonda	The District Panchayat Officer of Nalgonda has reported that 91 Grama Panchayats are in Krishna River Basin with the radius of 15 K.M.s. The liquid waste in these Gram Panchayats is not drained in the river and Panchayats are restricting the liquid waste in their Gram Panchayats duly constructing house hold Soak Pits. So far 10351 Soak Pits were taken up and completed 3311 with an expenditure of Rs 85.96Lakhs. Further under Solid Waste management 85 works were taken up and completed 85 works with expenditure Rs 84.07 Lakhs. Further submitted steps are being taken in the Gram Panchayats for not polluting the Krishna River.
4	Narayanpet	The District Panchayat Officer of Narayanpet has reported that 53 Grama Panchayats are in Krishna River Basin with the radius of 15 K.M.s. The liquid waste in these Gram Panchayats is not drained in the river and Panchayats are restricting the liquid waste in their Gram Panchayats duly constructing house hold Soak Pits. So far 5094 Soak Pits were taken up and completed 2693 with an expenditure of Rs135.67 Lakhs. Further under Solid Waste management 53 works were taken up and completed 53 works with expenditure Rs 89.12 Lakhs. Further submitted steps are being taken in the Gram Panchayats for not polluting the Krishna River.
5	Suryapet	The District Panchayat Officer of Suryapet has reported that 61 Grama Panchayats are in Krishna River Basin with the radius of 15 K.M.s. The liquid waste in these Gram Panchayats is not drained in the river and Panchayats are restricting the liquid waste in their Gram Panchayats duly constructing house hold Soak Pits. So far 1069 Soak Pits were taken up and completed 960 with an expenditure of Rs43.30 Lakhs. Further under Solid Waste management 61 works were taken up and completed 50 works with expenditure Rs 82.73 Lakhs. Further submitted steps are being taken in the Gram Panchayats for not polluting the Krishna River.
6	Wanaparthy	The District Panchayat Officer of Wanaparthy has reported that 81 Grama Panchayats are in Krishna River Basin with the radius of 15 K.M.s. The liquid waste in these Gram Panchayats is not drained in the river and Panchayats are restricting the liquid waste in their Gram Panchayats duly constructing house hold Soak Pits. So far 86 Soak Pits were taken up and completed 86 works with an expenditure of Rs10.86 Lakhs. Further under Solid Waste management 81 works were taken up and completed 81 works with expenditure Rs 169.37 Lakhs. Further submitted steps are being taken in the Gram Panchayats for not polluting the Krishna River.

Yours faithfully,
Sd/- M.Raghunandan Rao
Commissioner, PR&RE

Copy submitted to the Secretary to Government, PR&RD (MB.III) Department, Secretariat (BRK Bhavan), Hyderabad.

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Deputy Commissioner (PTs)