

From

Dr. V. Jaya Chandra Bhanu Reddy, IAS.,
District Collector,
Krishnagiri.

To

The Government Advocate,
High Court,
Chennai.

Roc.18933/2020/C1, dated: 25.11.2020.

Sir,

Sub: O.A.No.111 of 2020 on the file of Hon'ble National Green Tribunal (NGT), Southern Zone, Chennai - Frothing of Chemical Foam in the River Thenpennai - Independent response called for - Sent.

Ref:1) Orders of the National Green Tribunal, Southern Zone, Chennai in O.A.No.111/2020 (SZ), dated: 05.10.2020.

2) Block Development Officer (VP), Hosur Letter No.570/2018/E2, dated: 24.11.2020.

The National Green Tribunal, Southern Zone, Chennai has taken a suomoto registration of a case in O.A.No.111/2020 (SZ) on large scale frothing of chemical foam in the River Thenpennai at Kelvarapalli Dam, based on the newspaper report published in "Dinamalar" daily on 13.07.2020. The NGT has formed a Joint Committee to submit analysis, action taken report on defaulters and action plan for short term and long term. The Joint Committee in its interim report has observed that solid waste was found dumped on either sides of the river bed at Bagalur Bridge. Based on the interim report, the Tribunal has ordered to file independent response and steps taken to avoid such things in future from the respective State Departments.

In this connection, the Block Development Officer, Hosur in the reference 2nd cited has submitted his report. The BDO, Hosur has reported that the Belathur and Bagalur Panchayats are located on either side of the River. The solid waste dumped at the site were completely removed by the above said local bodies. In order to prevent the activity permanently, it has been proposed to lay iron fencing and fixing camera on either side by the Panchayats.

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Moreover, to avoid the letting off drainage water directly into river, it has been proposed to provide filter media bed and individual leach pit for households in Bagalur and Belathur village panchayats. The survey work is in progress and the scheme is proposed to take up under National Rurban Mission at an estimate of Rs.26.00 lakhs for Bagalur Village and Rs.24.00 lakhs for Belathur Village.

I have enclosed copy of the report of Block Development Officer, Hosur for kind information.

Sd/-Dr.V.Jaya Chandra Bhanu Reddy,
Collector, Krishnagiri.

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For Collector,
Krishnagiri.


Copy to the Regional Director, Central Pollution Control Board,
Nisarga Bhawan, A-Block, 1st and 2nd Floors,
Thimmaiah Road, 7th D Main, Shvanagar, Bengaluru - 79.

From
Thiru.R.Ramachandran.,
Block Development Officer(V.P),
Hosur.

To
The District Collector
Krishnagiri.



Through : Revenue Divisional Officer,
Hosur.

Roc.No.570/2018/ E2, Dated:24.11.2020.

Sir,

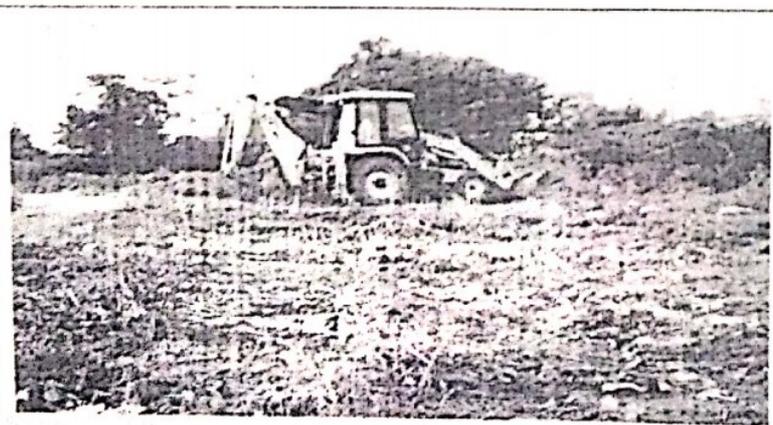
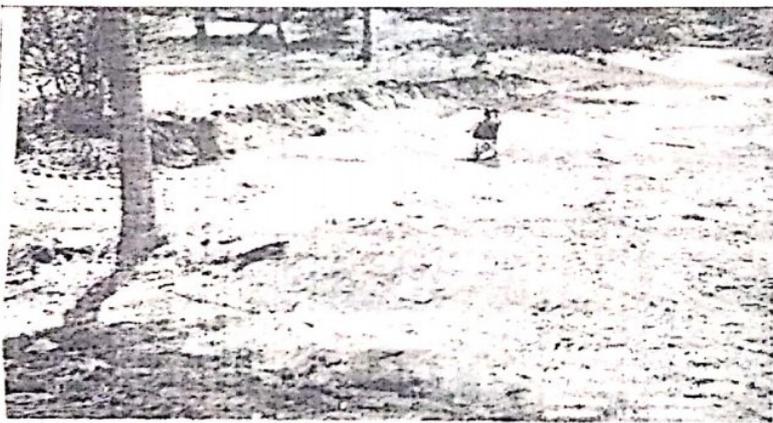
Sub: Public Services - Rural Development and Panchayat Raj unit -
Krishnagiri District - "Frothing of Chemical Foam in the River
Thenpennai" - Joint Monitoring Committee Constituted - Interim
report submitted to the Hon'ble NGT(SZ), Chennai - Action taken
report - Submitted - r`egarding.

Ref:1. District Environmental Engineer, Hosur
Lr.No.F/46/Tech/DEE/TNPCB /HSR/STP/2020, Dated 23.10.2020.
2. Assistant Director(Panchayat) Krishnagiri Ro.C.No: 1180/2018/A8,
Dated 01.11.2020.
3. Relevant records.

I submit to state that the joint committee constituted as directed by the
Hon'ble National Green Tribunal, Chennai in O.A.No.111/2020, has inspected River
Thenpennai passing through Bagalur panchayat and offered its remarks as detailed
below with instruction to prepare an action plan to rectify the same.

1. Immediate removal garbages dumped near the bridge and the river
bed of Reiver Thenpennai as per the SWM norms followed by the
corporation.
2. Short term and long term plan for arresting the mixing sewerage water
excreted from houses located on either sides for the river.

Report of action taken is submitted below.



Solid waste dumped in the river bed area and either side of Bagalur Bridge have completely been removed by Belathur and Bagalur local bodies. Bagalur and Belathur Panchayats are located either side of the river. There are lot of commercial buildings with many shops including, chicken stalls, mutton stalls and night road side mobile foal statlls and tea shops. In these people are dumping their garbages accumulated with them on the river banks. In order to prevent this activity permanently, it has been proposed to lay iron fencing and fixing camera on either side by the Panchayat Administration.

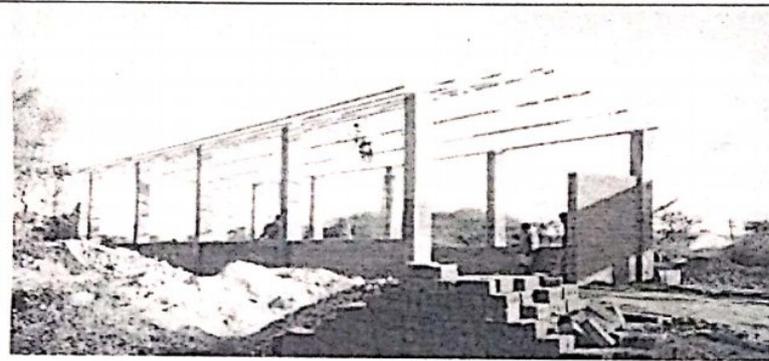
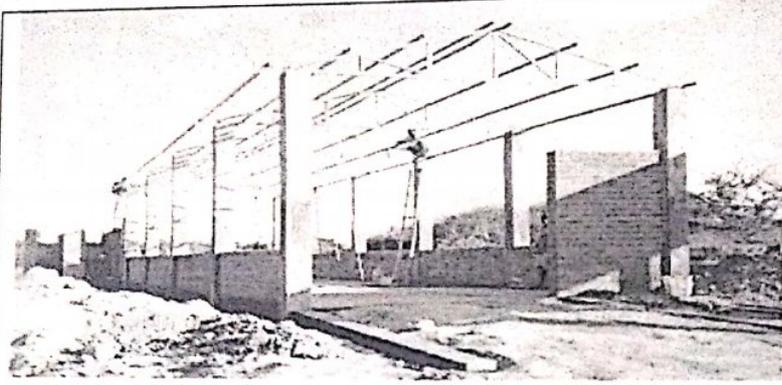
The Bagaloor habitation is situated on one side of the river bank and another side the Belathur habitation is situated and the houses available in the habitations are 2500 and 3335 respectively.



Under National Rurban Mission Grey water management work at cost of Rs.26 Lakhs is in progress in Bagaloor village in order to curtail the let off of drainage water in directly in to Thenpennai river from 28 Streets of Bagaloor Village. This bed daily filtering of 2,86,000 liters. Further, survey work is in progress to provide filter media bed to uncovered area and individual leach pit to the houses. on completion to the same necessary proposal will be submitted to the District Administration and Administrative Sanction will be obtained and execute the aforesaid work. (Filter bed functioning details enclosed)



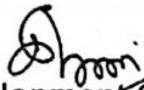
In respect of Belathur Panchayat under National Rurban Mission Grey water management work at cost of Rs.24 Lakhs is in progress in order to curtail the let off of drainage water in directly in to Thenpennai river from one side i.e. covered by 250 houses of Belathur Village. This bed daily filtering of 40200 liters. Further, survey work is in progress to provide filter media bed to uncovered area and individual leach pit to the houses. on completion to the same necessary proposal will be submitted to the District Administration and Administrative Sanction will be obtained and execute the aforesaid work.



In respect of Bagaloor and Bellathur Panchayat the average collection of waste from the households is around 4 Metric Ton. These wastes were collected from each house-holds by the Thooimai Kavalars and segregated as Bio-degradable and Non Bio-degradable waste. The establishment of Micro compost centres are in progress at cost of each Rs.24.00 Lakhs. Functioning details of MCC is enclosed

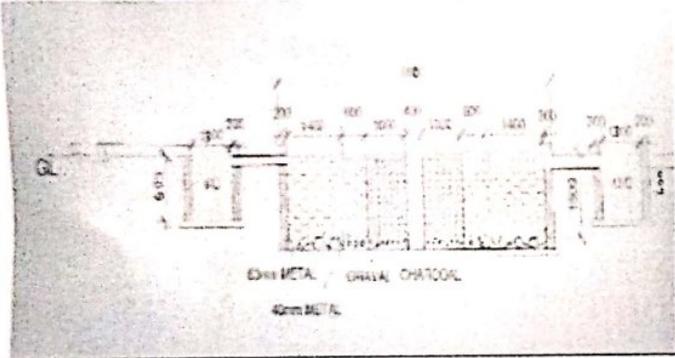
After the completion of the above works there will be no any pollution to the river Thenpennai .

- Encl.. 1. Functioning details Filter bed.
2. Functioning details MCC.

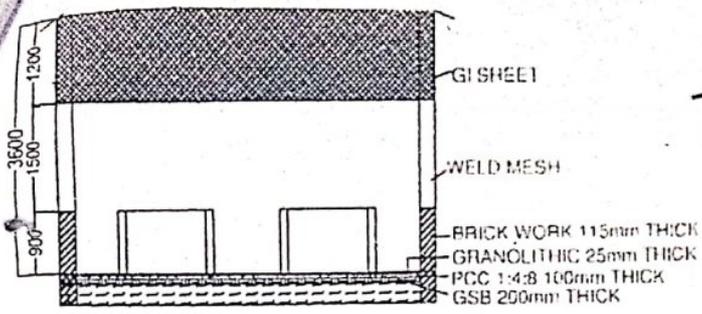

24/11/2024
Block Development Officer (V.P.),
Hosur.

Annexure - I

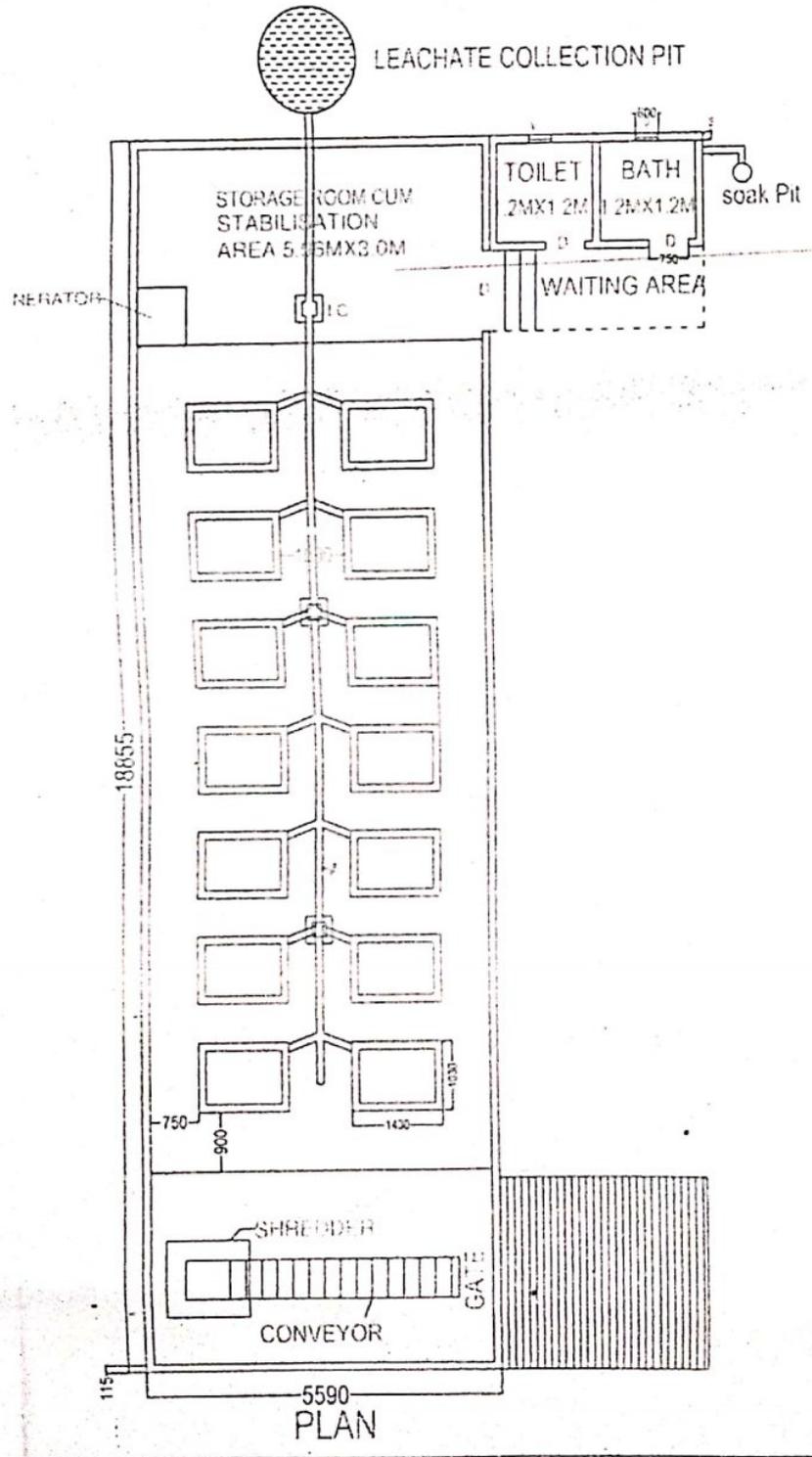
Functioning of filter media bed

	63 mm and 40 mm	Removal of Turbidity and Removal of Turbidity Floating matter.
	Gravel	Removal of Turbidity
	Charcoal	Removal of Bacteria while activate with air in atmosphere and remove Carbon Monoxide, Nitrogen, Oxide and Sulphur Oxide

MCC Model



SECTION - SHED - WALL LOCATION



PLAN

- Ensuring 100 % D 2 D collection using tricycle /mini tipper auto / BOV
- Motivating the citizens to segregate their waste - source level
- Daily collection of bio waste and dry waste on weekly - *Wednesdays*
- Insisting the bulk generators to have their own facility
- Promotion of recycling - *workers are permitted to get benefit on sale of dry waste*
- Creation of infrastructures on decentralized basis - *compost to local community*
- Motivation to the workers – sense of ownership (*availing the benefit on the sale of compost*).
- Reduction of expenditure on fuel and vehicle maintenance.
- To make 'dustbin free city' and ensure safe environment.

Micro Composting Centre - Benefits

- Simple technology & easy to practice
- No need of centralised processing facility.
- No dump yard
- Effective segregation is ensured -less quantity of daily waste
- Easy disposal of segregated dry waste -immediate sale
- Distribution of sale proceeds to the sanitary workers - 'A Fillip'
- Recovery of resource - raw material to recycling industries, compost
- Effective and systematic inputs of raw Material (Recyclable plastic and dry waste) to the recycling industries
- Reduction in cost for secondary transportation.

Micro Composting –step by step process

- Collection of segregated bio waste only
- Bio waste to be shredded in to 20 mm to 40 mm size - *Volume reduction*
- Keeping the stock of media (Rice bran and Rice husk) with indigeneous EM solution - (Bio culture)
- Preparation of biodozing on the bottom of the cubical as bed
 - *2" thick dry cow dung*
- Shredded waste to be mixed with prepared media and placed in cubical tubs
- No of tubs required is 7 numbers for one cycle
- Minimum number of 14 tubs (preferable) for MCC
- Placing of waste into tubs in series 1st day
 - 1st tub, 2nd day- 2nd tub, 3rd day-3rd tub etc.,

Micro Composting Procedures

- Turning of waste for better aeration - once in 5 days
- After 8th day, second filling of waste in series
 - 8th day- 1st tub, 9th day- 2nd tub, 10th day-3rd tub etc.,
- After 15th day, third filling of waste in series
 - 15th day- 1st tub, 16th day- 2nd tub, 17th day-3rd tub etc.,
- After 21st days, second stage of sequence by filling the waste in series
 - 21st day- 8th tub, 22nd day- 9th tub, 23rd day-10th tub etc.,
- After 40th day of complete sequence, the matured compost shall be removed from the 1st cubical (tub) and screened for uniform size
- Keep for 7 days for stabilisation as Manure/ Compost
- Compost shall be packed
- Stock register and sale register has to be maintained

- Weekly collection of all **Recyclable and resalable items on every wednesday** and sold to potential vendors
- All **non saleable plastics** are collected and given to **cement industries** and for small pyrolysis plants /small incinerators
- The sale proceeds from resalable items are distributed among the sanitary workers and members of women SHGs who are maintaining the Decentralized MCCs
- Manure produced from composting centres being distributed to local farmers, residents at free of cost and in some ULBs compost sold to farmers at the rate of Rs.1000 –Rs.4000 per MT.
- Sale proceeds are being distributed to workers in the MCC