

NO.KSPCB/RSEO -BNG.CITY/IR/2017-18/ 811

DATE: 5 JAN 2018

**Inspection Report of Sri. Gurumurthy, Senior Environmental Officer,**  
**KSPCB, Zonal Office Bangalore City.**

**Officer Accompanied:** Ms. Maheshwari Kumari Singh, Assistant Environmental Officer, KSPCB, Mangalore

Name of the industry	M/s Karnataka Traders, Plot No. 23/A, Karnad Industrial Area, Mulki, Mangaluru Taluk, D.K District.
Category	Micro Red
Date of Inspection	23.12.2017
Persons Contacted	Sri. Amzad, Partner
Status of consent	Consent under Water Act valid upto 30.06.2018
HWM authorization	Valid upto 30.06.2020
Capital Investment	Rs. 19.02 Lakhs
Activity	Discarded Containers of capacity 20,000 Nos./Annum Polythene Bags (Discarded Liner) of capacity 1500 Kgs/Month.

M/s Karnataka Traders, Plot No. 23/A, Karnad Industrial Area, Mulki, Mangalore Taluk, D. K District -574154, is an existing industry engaged in Cleaning & Washing of Discarded Containers. The industry authority applied and obtained consent under Water Act from this office vide No. 95/PCB/RO(MNG)/SR/CFO/2013-14/1014 Dated: 28 June 2013 for Cleaning & Washing of Discarded Containers of capacity 20,000 Nos/Annum and Polythene Bags (Discarded Liner) of capacity 1500 Kgs/Month and is valid for the period up to 30-06-2018. They have obtained Authorization under HWM Rules from Board Office vide No. PCB/HWM/SEO/2015-16/HD Reg. No: 91946/1759 dated: 11 Aug 2015 valid upto 30.06.2020. The authorization was amended as per Board Office Amendment to the authorization No.PCB/HWM/SEO/2015-16//3957 dated: 15 Oct 2015 and addendum was also issued to the authorization vide No. PCB/WMC/1921/HWM/2016/5222, Dated: 05 Dec 2016) for addition of Discarded containers-20,000 No's/A in waste category 33.1.

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Meanwhile the authorities have also obtained authorization to transport hazardous waste under Hazardous Waste Rules from the Board vide order No. PCB/HWM/SEO/2015-16/224 dated 25.05.2015 which is valid for the period from 11.04.2015 to 30.06.2018. The industry authorities applied for CFExp application on 02.05.2015 seeking expansion for additional 30,000 Nos./Annum of discarded containers making it total of 50,000 Nos/Annum which was 1.5 times more than earlier consent granted in the existing area. Hence, CFE expansion applications were returned seeking clarification for the same vide No. 1007, dt: 26.07.2017. The I/A's have not resubmitted the applications till date. When enquired about the same over phone, they have informed that the proposal for expansion has been stopped as of now and will be reapplying once the new proposal for the same is ready.

The industry was inspected on random inspection of by the undersigned and observed the following.

**PROCESS DETAILS**

The project authorities are authorized to wash and clean the empty rejected plastic cans, plastic drums, chemical drums and oil drums generated from different industries like engineering, textile and other industries and sold to the buyers for reuse purpose. The washing and cleaning process includes primary cleaning, manual cleaning. It is first washed with solution of Caustic soda, soap oil with hot water and then washed with fresh water and then the drums are dried and it is ready for disposal to customers or vendors.

**Water Pollution Control System:**

They are using bore well water for their water consumption. The water consumption for domestic and washing purpose are 0.3 KLD and 1.2 KLD respectively. The effluent generated from domestic and washing purpose are 0.2 and 1.2 KLD respectively. The industry authorities have constructed septic tank and soak pit for the disposal of sewage as observed during the inspection. Factory authorities have established ETP of capacity 1.2 KLD to treat trade effluent of capacity 1.2 KLD. The effluents are completely recycled after treatment.

**Air Pollution Control System:**

No air pollution source is provided.

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**Hazardous Waste Status:**

The generation & disposal of Hazardous waste are as follows:

The authorities have obtained Authorization under HWM Rules from Board Office vide No. PCB/HWM/SEO/2015-16/HD Reg. No: 91946/1759 dated: 11 Aug 2015 valid upto 30.06.2020.

Sl No	Type of Waste	Waste Category	Quantity stored	Authorized quantity	Mode of storage & disposal
1	Used Oil (from oil drums)	5.1 & 34.3	50 litres	1.8 KL/A	Collected in leak proof containers & disposed to authorized re-processors
2	Residue from Contaminated drums and Polythene bags	33.1	468 Kg	1.0 MT/A	Stored within industry and sent to incineration.
3	Contaminated Drums	33.3		20,000 MT/A	Shall be collected and cleaned as per CPCB SOP.
3	ETP sludge	33.2	50 Kg	0.32 MT/A	Stored in a secured manner handed over to TSDF.

The authorities are submitting returns in form 3 and Form-IV regularly.

**Solid Waste Status:**

They generate paper waste of 5 Kgs/day and municipal garbage of 50 Kgs/month as a solid waste, which they sold to vendors and to hand over to municipality respectively.

**Observation made during the inspection:**

- The authorities have constructed the building with asbestos roof.
- The authorities have constructed storage room for barrels & polythene bags, hazardous waste storage room, office room, washing area, toilet and septic tank & soak pit for the disposal of sewage.
- The authorities have displayed the sign board in front of their gate.

*Ganuraj 05/11/18*  
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- The authorities have informed that they are reusing the treated effluents for cleaning and the remaining will be utilized on land gardening within their premises.
- The industry is having open land of about 40ft x 50ft which can be utilized for product storage.
- The authorities have not installed air pollution sources such as DG set etc.

  
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