



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ Karnataka State Pollution Control Board

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

No. PCB/WMC/SEO/NDZ-buffer zone/MSW/2013-14/ 6272

Dated: 05 FEB 2014

NOTIFICATION

Sub: Guidelines for No Development Zone/ buffer zone around the MSW landfill sites in the state of Karnataka-reg.

Ref: 1) MSW Rules, 2000, Schedule III, specific for landfill sites (Rule 6 (1) & (3), 7 (2) – site selection (Para 8)

2) ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ: ನಅಇ: 209 ಎಂಎನೆಯು ದಿನಾಂಕ: 04.12.2004

3) ದಿನಾಂಕ: 20.09.2007 ಮತ್ತು ದಿ. 27.09.2007ರಂದು ಪ್ರಧಾನ ಕಾರ್ಯದರ್ಶಿ, ನಗರಾಭಿವೃದ್ಧಿ ಇಲಾಖೆ ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ನಡೆದ ಸ್ಥಳೀಯ ಸಡವಳಿಗಳು.

4) ಸರ್ಕಾರದ ಆದೇಶ ಸಂಖ್ಯೆ: ನಅಇ 325 ಎಂಎನೆಯು 2007, ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 06.10.2007.

5) Proceedings of the meeting held with UDD, Principal Secretary on 12.12.2012.

6) Proceedings of the 19th MSW authorization committee meeting held on 22.02.2013

7) Proceedings of 188th Board meeting (subject 375/09) held on 29.05.2013.

8) Proceedings of the 20th MSW authorization committee held on 28.10.2013.

9) Proceedings of the TAC meeting held on 21.12.2013

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Preamble:

The Municipal Solid Waste (Management & Handling) Rules, 2000 has been prescribed by Government of India by Ministry of Environment & Forest under the Environment (Protection) Act, 1986. The Rule prescribes the buffer zone with no development zone under Schedule -III on guidelines for Landfill sites. Further, in the new amendment, proposed draft MSW Rules 2013 the landfills are permitted absolutely for non-usable, non – recyclable, non-biodegradable, non-reactive inert waste and other waste such as residue of waste processing facilities as well as preprocessing rejects from waste processing facility, etc. However, the existing Landfill sites have been used for all the type of waste and thus creating certain pollution nuisances for the neighboring public. Moreover, the Urban Local bodies are facing hardship in identifying the new lands for processing facilities. Hence, the new scientific landfill sites shall also have facilities for processing of wet waste separately with in the demarcated (designated) landfill area.

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Therefore, the applicability of buffer zone is more prevalent for the existing and future landfill sites taking into account availability of land and litigation being faced by the local authorities in acquiring such lands for municipal solid waste management viz., segregation, processing and land filling.

Further, after the establishment of landfill sites public around the area are complaining about smell, bird and other nuisance being faced by them. These issues have become highly sensitive to resolve by the municipal authority of that area. Similar incidences are observed in BBMP landfill areas in Bangalore.

Therefore, prescribing buffer zone in the said Rules have to be more specific for implementation at the ground level. Under these circumstances, it is construed that, buffer zone width outside the land fillable area becomes an important part in the land fill management and its operation. Thus, the following guidelines are evolved for betterment of environment and also for the convenience of the public with easy management at Local Administration.

However, the Secretary, UDD Government of Karnataka has also prescribed the no-development zone around the landfill sites as per reference cited in (2), (3), (4) & (5) upto 1 KM for various landfill sites in Bangalore. But in view of the paucity of land and problem being faced by the ULB in identification of new landfill sites and also the existing optimization of land, Secretary UDD in its meeting held on 12.12.12 has requested KSPCB to evolve guidelines prescribing the buffer zone/No Development Zone around the LFS in the state. The new draft rule of MSW 2013 also necessitates evolving of such guidelines required for both SPCB and for EC clearance at the state.

Therefore the subject has been discussed both at the technical advisory committee, Authorization committee and in the Board meeting cited under the above references and the following standards are evolved for implementation taking into consideration based on the availability of the area proposed by Local bodies for scientific disposal and processing of municipal solid waste viz., its quantity for 20-25 years, composition and distance from the core town area etc.

ORDER

Hence, the KSPCB hereby evolved the standards empowered under Rule 6 (3) of MSW Rules 2000 and stipulates as follows:

“A buffer zone of No Development shall be maintained around the land fill sites and the standards classified here to as Zone 1, Zone 2, Zone 3, Zone 4 based on the area of land fill site as detailed below shall be incorporated in the town planning departments “land use plan” and also by all the concerned departments/agencies in the state of Karnataka for implementation/compliance under the Municipal Soled Waste (Management & Handling) Rules 2000 amended from time to time hence forth”.

Zones are classified based on available area of landfill site

Zones	Zonewise names specified	Activity permitted	Landfill area proposed and Distance from the boundary of Landfill sites shall be taken into consideration for measurement for zone selection			
			Upto 5 Acres	5-20 Acres	20-50 Acres *	More than 50 Acres **
Zone-I	Highly sensitive	No development zone except greenery with tall-rising trees only(Non-edible purposes)	Upto 50 mtrs	Upto 50 mtrs	Upto 50 mtrs	Upto 50 mtrs
Zone-2	Moderately sensitive	No development zone except solid waste management related infrastructure without superstructure	50-100 mtrs	50-100 mtrs	50-150 mtrs	50-200 mtrs
Zone-3	Sensitive	No development zone except service oriented infrastructures like STP, water supply lines with proper encasing, waste water pipelines, HTL, power supply lines, LPG pipelines, Pump houses, Watch & ward, KEB power stations, LPG godowns, etc.	Zone not applicable	100-200mtrs	150-300 mtrs	200-500mtrs
Zone-4	Less sensitive	No development zone except non-polluting green category type industries, MSW related resource recovery/reuse industries, Agricultural activities and human habitants with superstructure,etc.,	Zone not applicable	Zone not applicable	300-500mtrs	500-1000mtrs

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Note:

1. Greenbelt shall also be developed within the landfill site all along the periphery with minimum of 3-5 rows of trees.
2. Locating landfill site under High tension Lines (HTL) in any circumstances is prohibited.


MEMBER SECRETARY


CHAIRMAN

Copy with Compliments:

- 1) Principal Secretary, Department of Forest, Ecology and Environment, Government of Karnataka.
- 2) Principal Secretary, Department of Urban Development, Government of Karnataka.
- 3) Secretary, Department of Ecology and Environment, Government of Karnataka.
- 4) Secretary, Urban Development Department, Government of Karnataka.
- 5) Director, Department of Municipal Administration, Government of Karnataka.
- 6) Commissioner, Bruhat Bangalore Mahanagara Palika, Bangalore.
- 7) Commissioner, Karnataka Urban Infrastructure Development and Finance Corporation
- 8) Commissioner, Bangalore Metropolitan Rural Development Authority,
- 9) Commissioner, Bangalore Development Authority, Bangalore.
- 10) Deputy Commissioners of the all the District of Karnataka.
- 11) Secretary, State Environment Impact Authority, DEE, Government of Karnataka.
- 12) Chief Officers of all the Urban Local Bodies.

Copy to:

- 1) All Regional RSEO's and RO's
- 2) Case File.
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