



MADHYA PRADESH POLLUTION CONTROL BOARD

Paryawaran Parisar, E-5, Arera Colony, BHOPAL- 462 016

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No. 3989 /TS/MSW/MPPCB/2009
To,

The Commissioner
Nagar Nigam,
INDORE (M.P.)

Date: 4/5/09

C.H.O.

निदेशावुलर अवधि कायदा
नियत कराके।
आयुक्त

Sub : Grant of provisional authorisation u/s 6 (3) of Municipal Solid Waste (Management & Handling) Rules, 2000.

- Ref : 1. Authorisation letter No. 14024 dated: 19/08/04.
2. Your application No. 2883 dated: 03/11/08 & 08/04/09.

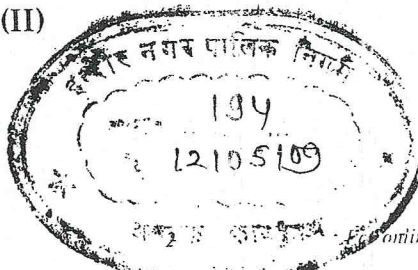
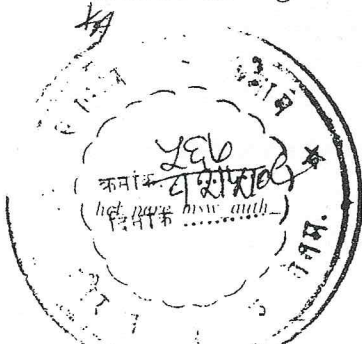
Provisional authorisation u/s 6 (3) of Municipal Solid Waste (Management & Handling) Rules, 2000 was issued to Nagar Nigam, Indore subject to the fulfillment of specific conditions in the given time bound program.

The request letter of the Nagar Nigam, Indore dated: 03/11/08 and presentation dt. 05/03/09 for extension of time period, is carefully examined by the Board. The time period mentioned in the earlier provisional authorisation is extended from 01/09/2008 to 31/08/2010 and additional conditioned mentioned below :

1. Plastic/Polythene waste shall be segregated properly and sent to cement manufacturing unit for safe disposal.
2. Municipal solid waste shall not be burnt at disposal site.

The other content of the authorisation letter dated: 19/08/04 shall remain unchanged and applicable to the corporation. It is also being instructed that strict adherence to the conditions must be complied with. Please attach this letter with the original authorisation.

(A. K. Jain)
Executive Engineer (II)



For & on behalf of
M. P. Pollution Control Board

(R.K. JAIN)
Member Secretary

MADHYA PRADESH POLLUTION CONTROL BOARD
Paryawaran Parisar E-5, Arera Colony, Bhopal - 16

TERMS & CONDITIONS

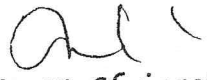
1. The Municipal Corporation [hereinafter called the MC] shall comply with the action plan mentioned in Schedule – I of MSW Rule 2000 with immediate effect.
2. The MC shall comply with the provisions of Schedule – II, for Collection, Segregation, Storage, Transportation, Processing and disposal of MSW. These activities should be carried out with proper care to avoid any sanitary problems. Efforts shall be made to ensure cent percent collection of MSW directly from households, business establishment, markets, Vegetable market etc. avoiding the collection through community bins.
3. The MC shall comply with the provisions of Schedule – III, for Sanitary Land filling activities including sitting criteria, facilities at the site, land-filling operation, pollution prevention, water quality monitoring, ambient air quality monitoring, plantation at landfill site, closure of Sanitary land fill (SLF) site and post care.
4. In order to prevent pollution problems from SLF operations, the following provisions shall be made namely:
 - (a) Diversion of storm water drains to minimize leachate generation and prevention pollution of surface water and also for avoiding following flooding and creation of marshy conditions.
 - (b) Construction of a non-permeable lining system at the base and walls of waste disposal area. For SLF receiving residues of waste processing facilities or mixed waste or waste having contamination of hazardous materials [such as aerosols, bleaches, polishes, batteries, waste oils paint products and pesticides] minimum liner specifications shall be a composite barrier having 1.5 mm high density polyethylene [HDFE] geomembrane, or equivalent, overlying 90 cm of soil [clay or amended soil] having permeability coefficient not greater than 1×10^{-7} cm/sec. The highest level of water table shall be at least two meter below the base of clay or amended soil barrier layer.

- (c) Provisions for management of leachates collection and treatment shall be made. The treated leachates shall meet the standards specified in schedule - IV;
- (d) Prevention of run-off from SLF area entering any stream, river, lake or pond. Garland storm water drainage system shall be constructed in such way around the SLF so as to arrest the run off water from the catchments of SLF and necessary measures shall be taken to minimize the run over water on the SLF site
5. The MC shall comply with the provisions of Schedule - IV, regarding standards for composting, treated leachates & incineration.
6. The MC shall comply with the provisions of Rule 9 of MSW Rule, regarding immediate reporting of accidents during Collection, Segregation, Storage, Transportation, Processing and disposal of MSW in form V, to the District Collector and the Crises Group constituted by the District Collector, Indore in accordance with the guidelines circulated to the District Collectors vide circular no. 6974 dated: 16/05/01 of the Board.
7. The MC shall comply with the provisions of Rule 8 by submission of annual report in form - II to the District Collector & this Board every year on or before 30th, June.
8. The MC shall take all necessary steps to strictly comply with the responsibilities mentioned in Rule - IV.
9. The MC shall submit the detailed project report with time bound action plan for the compliance of the provisions of MSW Rule specifically as mentioned at **note "Y"** of this authorization order.
10. Ambient air quality at the land fill site and the vicinity shall be mentioned to meet the following standards:-
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|----|-----------------------|---|--|
| a. | Sulful Dioxide | : | 120 Mg/m ³ [24 hours] |
| b. | SPM | : | 500 -" |
| c. | Methane | : | Not to exceed 25% of the lower explosive limit. |
| d. | Ammonia daily average | : | 400 Mg/M ³ [Sample duration 24 hrs.] |
| e. | Carbon Monoxide | : | 1 hour average 2 mg/m ³ [8 hr average 1 mg/m ³] |
- Ambient air monitoring shall be carried out once in 3 months*

11. The MC shall take all preventive and other control measures to avoid odour nuisance, sanitary nuisance, public nuisance, during management of the MSW .
12. The ground water quality within 50 meter of periphery of landfill site shall be periodically monitored to ensure that the ground water is not contaminated beyond acceptable limit. Such monitoring shall be carried out to cover different seasons in a year that is summer, monsoon & post monsoon period.
13. The MC shall constitute an Environmental Cell headed by the Senior Executive to keep the record and carry out the works related compliance of provisions of the MSW Rules. Preferably qualified & experienced Environmental Engineer should be employed to properly understand the technicality of the subject.
14. Afforestation, roadside plantation, plantations on suitable vacant land, plantation on barren land shall be carried out for generation improvement of the environment and as buffer zone of 300 metres all around the land fill site. The composting area, the transfer points of the MSW shall also be planted all around.
15. The MC shall apply for renewal of authorization in form - I alongwith the point wise compliance status of authorization, at least 120 days before the expiry of this authorization.
16. The MC shall carried out the public awareness programs all through out the year under intimation to this Board amongst the citizens to generate public awareness for proper management of MSW.
17. This permission is granted subject to the approval of DPR for different works that are proposed for processing and disposal of the MSW. The operation of the any of the processing and disposal activities of the MSW shall be started after the permission of the Board.
18. This provisional authorization is granted subject to the condition that the MC shall submit the no objection certificate for the site of composting plant and sanitary landfill from the State Urban Development Department, the Town & Country Planning Department, Air Port or Air base authority, the Ground water Board within 03 months from the date of issue of this authorization, failing which this authorization shall be

deemed to be cancelled. The MC shall have to change the site if, any of the said departments object the site for any of the reasons & this authorization shall be automatically cancelled.

19. The Board reserves the rights to amend/cancel any of the terms & conditions and or revoke the authorization as and when deemed necessary.


[R.K. Shrivastava]
Superintending Engineer
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