



**PUNJAB POLLUTION CONTROL BOARD
VATAVARAN BHAWAN, NABHA ROAD, PATIALA**

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Dated :

To

The Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan, East Arjun Nagar,
Delhi – 110032.

Subject : Implementation of Municipal Solid Waste (Management & Handling) Rules, 2000 – Annual Report for the year 2007-2008.

The Annual report for the year 2007-2008 is sent herewith in the prescribed

Form-IV

1. Name of the State/Union territory : Punjab
2. Name & Address of the State Pollution Control Board/Pollution Control Committee : Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala-147001.
3. Number of municipal authorities responsible for management of municipal solid wastes in the State/Union territory under these rules. : 137
4. A summary statement on progress made by municipal authorities in respect of implementation of Schedule-I [rule 4(3)] : Annexure-I attached.
5. A summary statement on progress made by municipal authorities in respect of implementation of Schedule-II [rules 6(1) and (3), 7(1)] : Annexure-II attached.
6. A summary statement on progress made by municipal authorities in respect of implementation of Schedule-III [rules 6(1) and (3), 7(2)] : Annexure-III attached.
7. A summary statement on progress made by municipal authorities in respect of implementation of Schedule-IV [rules 6(1) and (3), 7(2)] : Annexure-IV attached.

I) There are 137 Municipal Bodies in the State. Detail is given below:-

Description	Number
Municipal Corporation	: 5
Municipal Council	: 97
Nagar Panchayat	: 31
Cantonment Board/others	: 4
Total	: 137

II) The Chairman of the Board has taken hearings/meetings with all the Municipal Corporations, Municipal Council's and Nagar Panchayats of the State and all have been directed to apply for the authorization of the Board for the disposal of municipal solid waste and to provide waste processing facility including landfill site and necessary facilities at the site of disposal as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000.

- The State Government has already constituted a committee under rule 6(2) of the Municipal Solid Waste (Management & Handling) Rules, 2000 for deciding Authorization to the Municipal Authorities or the operator of the facility for setting up of waste processing and disposal facility on 11.08.2004.
- The Board has got the Detail Project Reports prepared from Punjab State Council for Science & Technology, Chandigarh for getting financial assistance from Govt. of India for installation of pilot project for solid waste management at Kartarpur and Mandi Gobindgarh. The DPRs prepared by the Punjab State Council for Science & Technology have been sent to the Central Pollution Control Board for approval of financial assistance to the extent of 50% of the project cost. The Central Pollution Control Board has forwarded the Detail Project Report of Mandi Gobindgarh to Ministry of Environment and Forests for approval of financial assistance.
- Similarly, the Board has proposed to have a demonstration plant for management of municipal solid waste for Majitha town and National Productivity Council, New Delhi was asked to prepare the Detail Project Report. **The National Productivity Council,**

New Delhi submitted draft report and the Board sent its suggestions/amendments to be incorporated in the final DPR. Accordingly, final DPR has been submitted by the NPC which has been studied. A sum of Rs. 1.30 crore is required for implementation of the scheme. The DPR has been sent to Govt. of Punjab, Deptt. of Local Govt. for consideration and arranging necessary funds from the State Govt. / financial institutions. The matter is under active consideration.

- **As per the rule 5(2) of the Municipal Solid Waste (Management & Handling) Rules, 2000, the overall responsibility w.r.t. effective management of the municipal solid waste lies with the Deputy Commissioner within his territorial jurisdiction, therefore, all the Deputy Commissioners in the State of Punjab has been apprised about their responsibilities. Letters to all the DCs has been written giving detail of the relevant section of the said rule and the Deputy Commissioners have been requested to ensure the effective implementation of the Municipal Solid Waste (Management & Handling) Rules, 2000 vide Board's letter dated 17.11.2008.**

The officers of the Department of Local Government, Punjab and the State Board attended International Workshop on “Best practices in Solid Waste Management : Sharing of Experiences” at Jaipur on 27th-28th April, 2007.

Further, the matter regarding management of municipal solid waste by the Municipal Authorities of the State was considered in the meeting of State Environment Council held under the Chairmanship of Hon'ble Chief Minister, Punjab on 26.07.2006 and following decisions were taken to expedite the identification of landfill sites and implementation of Municipal Solid Waste (Management & Handling) Rules, 2000 :

1. In view of the scarcity of land, Local Bodies should adopt alternate disposal methods like Waste to Energy, Waste to Compost, etc. They must also rehabilitate the existing landfill sites as per the requirement of the Rules.

2. The five Corporations of the State should be taken up on the priority basis. They may enter into an agreement for public private partnership for management of municipal solid waste and should submit detail project reports accordingly.
3. The Department of Local Govt., Punjab will prioritize the work for management of municipal solid waste as per the population and generation of solid waste in various cities and prepare an Action Plan accordingly.
4. The Department of Local Government and the Deputy Commissioners of the State should ensure the identification of adequate land wherever available for disposal of municipal solid waste by all the local bodies of the State at the earliest.
5. The Department of Local Govt., Punjab will invite global tenders for public private participation for management of municipal solid waste as per the rules, in the State of Punjab.

Department of Local Government, Punjab was requested on dated 30.8.2006, 13.10.2006 and 7.11.2006 to comply with the decisions of the above said meeting. Principal Secretary, Local Government, Punjab was again requested vide D.O. communication from the Chairman of the Board on 26.12.2006 to direct all the Municipal Authorities to identify the adequate landfill sites at the earliest. Further, the Secretary to Govt. of Punjab, Department of Science, Technology & Environment, Chandigarh requested the Principal Secretary to Local Government, Punjab vide D.O. communication dated 29.01.2007 and letter dated 09.03.2007 to review the implementation of the said rules. Again the department of Local Bodies, Punjab was requested by the Board on 05.04.2007 to direct the Municipal Authorities of the State to identify the adequate landfill sites for management of municipal solid waste and implement the provisions of Municipal Solid Waste (Management & Handling) Rules, 2000. Again the Chairman Punjab Pollution Control Board requested the Director Local Self Govt., Govt. of Punjab, Chandigarh vide D.O. communication dt. 6.1.2009 to ensure the compliance of Municipal Solid Waste (Management & Handling) Rules, 2000. All the Deputy Commissions of the

State have been requested vide letter dt. 15.1.09 to submit the status of approval of landfill sites granted by the District Level Committee under their jurisdiction.

Also, the Hon'ble Minister, Department of Science, Technology & Environment requested the Hon'ble Minister, Department of Local Government, Punjab through D.O. communication on 02.07.2007 to frame strategy/policy regarding the management of municipal solid waste in the State. The Secretary to Govt. of Punjab, Deptt. of Science, Technology & Environment has also be requested vide letter dt. 17.11.2008 to request to Secretary, Local Govt. to enforce the provisions of Municipal Solid Waste (Management & Handling) Rules, 2000 as Hon'ble Supreme Court of India is monitoring the matter seriously.

III) The constraints identified and suggestions for management of municipal solid waste are as under:-

a) **Improvement of existing landfill sites** – Out of 137 Local Bodies, 38 Municipal Authorities have adequate land for more than 20 years capacity, 59 Municipal Authorities are having adequate land for capacity 5 years to 20 years, 33 Municipal Authorities are having land for less than 5 years capacity and 7 Municipal Authorities have no land for disposal of their municipal solid waste. All the 38 Municipal Authorities which have adequate land for disposal of municipal solid waste are being asked to improve the dumping site as per the provisions of Municipal Solid Waste (Management and Handling) Rules, 2000. The Chairman of the Board has given personal hearing to the Municipal Authorities having no land for the management of municipal solid waste, to identify the suitable site for such purposes and these Municipal Authorities are in process of identifying the land. The Principal Secretary, Local Government, Punjab was also requested through D.O. communication dated 11.05.2007 by the Chairman of the Board to direct the local bodies which have no land to identify the adequate landfill site at the

earliest. In case, where Municipal Authorities either have no land or inadequate land, the main constrain is the non-availability of adequate funds with them.

- b) Identification of landfill sites** – The second major constraint for the management of municipal solid waste is increasing population viz-a-viz. Abadies increasing in number in the cities and towns, thereby, shrinking the land in the city. Hence, there is non-availability of proper land in and around the cities and towns for the disposal of municipal solid waste.

To implement the provisions of Municipal Solid Waste (Management and Handling) Rules, 2000, the Deptt. of Local Government, Punjab has constituted the District Level Committees under the Chairmanship of Deputy Commissioners/Additional Deputy Commissioners to identify the landfill sites for all the Urban Local Bodies by 31.3.2005 and a State level committee has been constituted under the Chairmanship of Principal Secretary, Local Government to monitor and review the progress of the District Level Committees vide notification No. 8/50/2001-2LG4/20989 dated 29.12.2004. Further a Corrigendum dated 27.6.2005 was issued by the Department of Local Government extending the time frame to 30.9.2005, which was further extended upto 31.03.2006 vide notification dated 22.02.2006 for identification of landfill sites by the District Level Committees. This date is further extended upto 30.09.2006 to enable the Municipal Authorities to identify the suitable locations for management of municipal solid waste. Now this date is further extended upto 31.3.2007 vide notification dt. 18.1.2007 to enable the Municipal Authorities to identify the suitable locations for manage of municipal solid waste.

All the Deputy Commissioners of the State have been advised by the department of Local Government through D.O. communication dated 18.07.2006 to complete the exercise of identification of landfill sites within the stipulated time frame. All the Deputy Commissions of the State have been requested by the Board vide letter dt. 15.1.09 to

submit the status of approval of landfill sites granted by the District Level Committee under their jurisdiction.

- c) **Setting up of waste processing and disposal facilities** - M/s Punjab Grow More Fertilizers Pvt. Ltd. at Jalandhar under the jurisdiction of Municipal Corporation, Jalandhar has established one waste processing plant for composting the organic matter. The plant has been commissioned and is not working regularly due to the marketing problem of the compost. Other Municipal Corporations are in the process of identifying the proven appropriate technology for waste processing.

A combined facility is being developed by National Building Construction Corp. Ltd. for Municipal Council, Adampur, Allawalpur and Sham Churasi under the Central Sponsored Scheme of Ministry of Urban Development, New Delhi. The Deputy Commissioner, Hoshiarpur has approved the site for setting up the treatment and disposal facility near Village Pandori, Distt. Hoshiarpur.

It was decided in the meeting taken by the Secretary to Government of Punjab, Department of Science, Technology & Environment on 29.05.2007 that the proposal sent by the various Municipal Authorities to the Director, Local Government Punjab for acquisition / purchase of land should be decided expeditiously. Reminder was also issued to the Director, Local Government, Punjab on 27.6.2007 and 10.08.2007.

- d) **Monitoring the performance of waste processing and disposal facilities** – As per rule 6 of the Municipal Solid Waste (Management & Handling) Rules, 2000, it is the responsibility of State Pollution Control Board to monitor compliance of the standards regarding ground water, ambient air, leachate quality and quality as prescribed in schedule II, III and IV.

Further as per schedule-III under the caption "Water Quality Monitoring" the protocol for monitoring of ground water quality and "Ambient Air Quality Monitoring" the protocol

for AAQ in the vicinity of landfill sites have been prescribed.

Necessary instructions have already been given to the Regional Offices to comply with the above said provisions of the Municipal Solid Waste (Management & Handling) Rules, 2000.

The Board has got conducted the ground water quality monitoring of existing disposal sites at Ludhiana and Jalandhar and has further decided to conduct the similar monitoring for the remaining Corporation towns i.e. Amritsar, Patiala and Bathinda.

Suggestions :-

1. Establishment of the Environmental Cell in the State Local Government department or in Urban Development Authority may also be incorporated in the Rules, so that, necessary expert manpower is available with such authorities to tackle the municipal solid waste management and monitoring etc. in environmentally sound manner.
2. The financial assistance may also be made available to the Municipal Authorities for management of municipal solid waste as per the provisions of Municipal Solid Waste (Management & Handling) Rules, 2000.
3. Necessary amendments in the rules may be explored so as to provide sufficient budgetary provisions in the annual budget of the municipal authorities for the management of municipal solid waste. No diversion of the funds meant for management of municipal solid waste should be allowed under any circumstances.
4. As the land cost in the State of Punjab is sky high, therefore, finding / arranging suitable land for dump site is difficult task, so other alternatives such as combined compact processing plant may be considered for cluster of small local bodies.

(Dr. Babu Ram)
Member Secretary
Punjab Pollution Control Board,
Patiala.

