



## H.P. STATE POLLUTION CONTROL BOARD

"HIM PARIVESH" PHASE-III, NEW SHIMLA-171 009 (H.P)

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### **Minutes of the Meeting of State Level Committee (SLC) held on 09-04-2019, in Committee Room, HP Secretariat w.r.t the orders dated 16.01.2019 passed by Hon'ble National Green Tribunal in O.A. No. 606/2018.**

At the outset, Member Secretary, H. P. State Pollution Control Board welcomed Mrs. Rajwant Sandhu, Chairperson, SLC, members of the SLC, and the other participants. The list of the attendees is annexed ( Annexure-I).

In her opening remarks, the Chairperson, SLC, stressed that the main focus should be on segregation of waste i.e. wet waste/green waste should be collected separately from the dry waste at the source itself. The Department of Urban Development must pass necessary directions to the Urban Local Bodies to ensure 100% door to door collection of segregated solid waste.

The dumpers along the roadsides should either be removed or managed properly and responsibility of panchayats and Blocks may be fixed for maintaining the cleanliness around them in the rural areas.

The UD, RD and Forest Departments have the responsibility to identify the sites where mesh/grill/ fencing along the drainages is necessary and install these in a time bound manner to ensure that solid waste does not flow into streams, rivers and other water bodies.

Thereafter, Dr. R. K. Pruthi, Member Secretary, HP State Pollution Control Board drew attention to the agenda for the meeting and gaps in the implementation of MSW Rules, 2016.

The presentations made by the Departments and directions given/decisions are as follows:

#### **Department of Urban Development:**

- The Director, Urban Development Department apprised that the State had adopted decentralized approach for SWM and accordingly ULB wise solid waste processing facilities are being developed. However, for "Santokhgarh-Mehatpur", "Rohroo-Jubbal", "Baddi-Nalagarh-Parwanoo" and "Kangra-Nagrota", common processing facility would be used keeping in view contiguity of location.
- It was informed that the simple method being promoted for SWM is aerobic microbial composting for wet waste, dry waste to be channelized for recycling, non-recyclable plastic waste to be handed over to HPPWD for road construction and other dry material having calorific value to be sent to nearby cement industry for co-processing as RDF (Refuse Derived Fuel).
- UDD submitted that ULBs such as Shimla, Solan, Daulatpur and Nahan have compartmentalized their vehicles/containers for transporting the waste in segregated manner. Some ULBs have adopted other methods to transport waste in segregated

manner such as separate drums in vehicle for wet waste, collection on alternate days or 6 days wet and 1 day dry waste collection, or using separate vehicles for transporting wet & dry waste.

- Six towns have been identified (namely Shimla, Kangra, Hamirpur, Nahan, Shri Naina Devi Ji and Sundernagar) for developing them as model towns and good practices would be replicated throughout the State.
- UDD submitted that Ward Committees have been constituted in all ULBs for Information, Education and Communication (IEC). These Committees are contacting the households (door to door) as well as going to schools. Self Help Groups (SHGs) formed under National Urban Livelihoods Mission (NULM) are also involved for IEC activities. The ward committees are making the public aware about Reduce, Reuse & Recycling (3 R's) of waste management, need for segregation of waste at source and collection of the same by the garbage collectors on payment of user charges.
- ULBs were being conveyed the directions of the Hon'ble NGT from time to time.
- ULBs need to expedite the process of formalising the services of rag pickers and kabaris. Instructions have been issued to ULBs to enroll Garbage collectors/workers under Health Care Schemes.
- Legacy waste is being managed at present in Kangra (MoU signed), Chamba (MoU yet to be signed), Mandi (MoU yet to be signed), Parwanoo (MoU signed), Nalagarh, Dharamshala and Shimla. Committee has been constituted to advise Municipal Committee Solan in this regard. Other ULBs have been asked to install wire-mesh for sieving of the already degraded waste, as an intermediate measure. Legacy waste management guidelines prepared by CPCB have also been issued to the ULBs.
- Three landfill sites have been notified at Kangra, Shimla and Una.
- Baling should be practised more by the ULBs to clean the old dumps as it is cost effective to transport the same. The baled material can be easily disposed of to Kabaris or may be sent to cement plants as per their requirement.
- The issue of waste management in Baddi-Barotiwala-Nalagarh area needs to be addressed in an integrated manner. The issue may be brought before the Chief Secretary as there are multiple authorities at BBND and there is lack of coordination there.
- It was agreed that while developing the management facility for hazardous waste, a section of the facility shall be made available for e-Waste. The Department of UD is directed to prepare necessary proposal for the same. **The hazardous waste collection centres/kiosks need to be located in all ULBs.**
- Cleanliness drives be organized in all the ULBs for clearing of hotspots, and it may be ensured that hotspots are not formed again.
- Director, UD stated that a link ([ud-hp.in](http://ud-hp.in)) has been created on the website of the Department where information of all 54 ULBs on Solid Waste Management has been uploaded. The best practices are yet to be documented and shall be uploaded subsequently on the link.
- **The bulk waste generators that have been identified by Department of UD need to set up their own waste processing facility. Progress needs to be monitored.**

- Sites for dumping of C&D waste have been notified by the ULBs and details of the same shall be provided by 22-04-2019. The information regarding C&D waste being generated is to be provided by UD to State Pollution Control Board.
- It was further informed by Director, UD that every ULB has prepared its Action Plan with timelines and budgetary support. The Chairperson stressed the implementation of all aspects of Solid Waste Management Rules, 2016 by 30<sup>th</sup> June, 2019 positively.
- DCs have to monitor implementation of Solid Waste Management Rules by ULBs and submit monthly reports. Up to date report should now be received by 01.05.2019.

It was emphasized by the Chairperson that UDD is to ensure 100% door to door collection of segregated waste so that dumpers can be eliminated. A system can further be developed according to the type of waste i.e. dry waste may be collected once a week, wet waste may be collected daily or on alternate days; such system may be adopted as considered feasible by the authorities.

The Chairperson also stressed on the need of simple IEC material to reach out to every citizen for effective SWM. The main focus should be on door to door contact to maximise the involvement of the residents.

### **Forest Department:**

- PrCCF, Forest department, stated that wire mesh fencing is being laid along the forest boundary in order to avoid littering of garbage in forest areas.
- Special drives and cleaning campaigns/programmes are being conducted in order to clean the hotspots.
- Strict vigil is being kept and necessary directions have been issued to the field staff to ensure that no C&D material is dumped in the forest areas.
- The C&D dumpsites/river fronts are being converted into nature parks. Three such nature parks have come up in Kullu circle and nine are being developed in Rampur circle.
- PrCCF stated that the Department was short of funds for fixing grills/ wire mesh at the vulnerable points from where SW can flow into nallahs. After discussion, **it was agreed that since RDD had ample funds for SBM in rural areas, this department could provide funds to the Forest Department for fixing the grills/wire mesh/barriers for preventing SW flowing to water bodies.**

### **Department of Rural Department:**

- The Department was directed to identify sites in the rural areas along the khads and nallahs where preventive action was required and partner with Forest Department for fixing the grills, wire mesh etc.
- It was apprised that 70%-90% waste is fed to domestic animals or is composted
- Director RD Department stated that gaps in the Action Plans for waste management are being reviewed and guidelines have been issued to the blocks/panchayats. Further, revised action plans shall be made, keeping in view need for proper dry waste management in rural areas.

- Director, RD also mentioned that three model panchayats had been identified in every block and now Census towns are being focused on for implementation of SWM Rules.
- The clay incinerator (Gujrat model) may be tested for suitability for sanitary waste disposal in rural areas.

**Chairperson observed that the Gram Panchayats need to take responsibility for proper disposal of waste generated by vendors and dhabas in their respective panchayats. Roadside areas need particular attention especially where there are clusters of houses and shops.**

The RD Department shall submit the revised Block and District level plans for waste management by 22<sup>nd</sup> April, 2019 and the same shall be uploaded on the official site of Department of Rural Department and State Pollution Control Board.

### **Himachal Pradesh Tourism Development Corporation:**

- HPTDC representative submitted that segregation of waste is being carried out at the Hotels. Incineration and composting as per need is also being done.
- The Hotels generating biodegradable waste of more than 100kg/day are directed to ensure disposal of this waste by the way of composting or any other appropriate method as per the Solid Waste Management Rules.

### **Health Department:**

- Director, Department of Health stated that bar coding in District Hospital, Kullu, has been completed and in other institutions CMOs and MSs have contacted M/s Enviro Engineers and Suraksha Bio-sanitizers. It was assured that the process will be completed within two weeks.
- Necessary directions have also been issued for installation of ETPs for pre-treatment system for chemical liquid waste in health facilities in the State and necessary funds have also been released for the purpose.
- Directions have been given to all CMOs/MSs not to use chlorinated plastic bags and replace them with non-chlorinated bags in phased manner.
- It was also apprised that the new hospitals which shall be established will be having STP in all 100 bedded and above institutions.
- The Health Department is advised to carry out a study about usage of polyurethane menstrual through National Health Mission and medical colleges / nursing colleges should also be included. A report in this regard along with recommendations may be submitted shortly.

### **Education:**

- For effective IEC in the State, the Higher Education Department submitted that tender process is being carried out and funds have been received for initiation of Solid Waste

Management related Programmes. A progress report may be submitted by the department w.r.t. IEC.

- Further, for disposal of sanitary waste in hostels of educational institutions, incinerators shall be installed in 15-20 days.
- The Directorate of Higher Education also submitted that lessons relating to protection and improvement of environment are being included in the curriculum in educational institutes as per the directions of Hon'ble NGT.

### **Public Works Department:**

- The Chairperson observed that the highways also need to be cleaned. PWD department must ensure cleanliness along the highways. In this regard the PWD representative submitted that necessary directions had been issued for maintaining the cleanliness along roadsides. Action Taken Report is solicited from the Department.
- Matter may also be taken up with National Highway Authority of India for maintaining the cleanliness on NH 22. In this regard, the Pr. Secy (UD) may hold a meeting with the NHAI authorities.

### **Food & Civil Supplies Department:**

- Director F&S was requested to direct the field officials/officers to ensure that vegetables and fruits are not sold in thin plastic bags, which are already banned across Himachal. Particular attention is required in the districts bordering Panjab.
- Directions should be given by the department staff to Beopar Mandals to cooperate in door to door collection of waste segregated at source and for collection of user charges.
- Report of challans being done should be sent to the HPPCB for information.

### **State Pollution Control Board:**

- The State Pollution Control Board needs to be more strict w.r.t. giving authorization for Dumping/waste processing sites and the UDD should also collaborate in the same.
- A Site Specific Solution by forming a Joint committee of HPPCB, concerned ULB/Panchayat (RD) may be constituted where land is available and appropriate SWM technology can be applied based on Qualification and Quantification of waste of each ULB.
- Since UD Department referred to the problem of disposing of glass bottles, PCB was directed to seek alternatives for disposal.
- Member Secretary, HPPCB stated that a meeting was held with reps of ACC Barmana (Bilaspur), Ultratech Cement (Solan) and Ambuja (Solan) w.r.t. cleaning of old dumps. These three companies have agreed in principle to support machines to be installed for separating RDF. In this regard, cement plants have already been requested by ACS (Env. S&T)-cum-Chairman, PCB to make arrangement for meeting 5% of total fuel requirement by RDF. At present these three cement units are meeting 0.4% their total fuel requirement by Bio-mass and RDF. As per Rule-18 mentioned in the Solid Waste Management Rules, 2016 *"All industrial units using fuel and located within one hundred km from a solid waste*

*based refused derived fuel plant shall make arrangements within six months from the date of notification of these rules to replace at least five percent of their fuel requirement by refused derived fuel so produced."*

- The Member Secretary, HP State Pollution Control Board also presented an example of poly brick i.e. collecting your Daily Routine Poly packs, wrappers in bottles in order to keep a check on littering and mixing of waste.. These poly bricks can be utilized for making retaining walls, RDF, Plastic Tiles, etc. The concerned Departments need to ensure proper segregation of waste so that material recovery at dumping sites is made easy.

**The temple waste being generated needs to be managed. The State Pollution Control Board has taken an initiative with CSIR, Palampur for making *dhoop* with temple waste (flowers, etc.) which produces less Carbon Monoxide (CO) and Volatile Organic Compounds (VOC) as compared to *dhoop* sold in the market.**

**It may also be looked into, if directions can be issued to the temples by the Department of Art, Language and Culture to donate 1-2% of the temple offerings to the MC of that particular area to manage the solid waste. This shall also improve the financial condition of the MCs.**

**ACS (Env. S&T) be requested to hold a meeting with concerned departments w.r.t compost being produced by ULBs being used by Forest Department, Agriculture Department, Horticulture Department, CSK Himachal Pradesh Agriculture University Palampur, Dr. Yashwant Singh Parmar University of Horticulture and Forestry and CSIR, Palampur.**

**The PCB and UD Department are directed to issue necessary directions/notice to the Cantonment areas as per the SWM Rules. Directions may be issued to the Cantonment Boards for segregation of waste at source. The dry waste of the area may be collected by the nearest ULB but composting facility should be provided for disposal of green/wet waste within the Cantt area. The Pollution Control Board also needs to issue notice to Cantonment Boards with strict directions having reference to Polluter Pay Principle.**

People need to be made aware about hazardous waste, so that such waste is not given to the collectors mixed with other waste.

The example of Baru Sahib town w.r.t. waste management was discussed. Although this is a good example since the waste is mostly being recycled but it is stressed that the waste should be collected in a segregated manner.

**All the Departments represented in the meeting were requested to appoint a nodal officer for SWM issues and convey the names of the official/officer as soon as possible to HPPCB.**

**The Chairperson stressed that necessary decisions need to be taken expeditiously on dealing with Legacy Waste so that planned action is taken at the earliest.**

The next meeting of the SLCs scheduled to be held on 09-05-2019 at 11:00 AM in the Committee Room, 6<sup>th</sup> Floor, Armsdale Building, HP Secretariat, Shimla-171002.

The meeting end with vote of thanks to and from the Chair.

Approved  
**Chairperson**  
**State Level Committee (SLC)**

**Endst. No. PCB/SLC/- 7749 - 7838 Dated: 16.4.2019**

**Copy forwarded to:**

1. The PS to the Chief Secretary, GoHP Shimla-171002.
2. The Addl. Chief Secretary (Env., Sci., & Tech.), GoHP Shimla-171002.
3. The Pr. Secretary, Urban Development, GoHP Shimla-171002.
4. The Secretary (RD & PR), Govt. of Himachal Pradesh.
5. The Pr. CCF (HoFF), Forest Department, Shimla-171001.
6. All Deputy Commissioners, State of Himachal Pradesh.
7. The Member Secretary, CPCB, New Delhi.
8. The Engineer-in-Chief, Public Works Department, Shimla-171001.
9. The Director, Health Services, Kasumpti, Shimla-171009.
10. The Director, Food and Civil Supplies, Below IT Bhawan, SDA Complex, Shimla-9.
11. The Director, Rural Development, Rural Development Department 27 SDA Complex, Kasumpti Shimla-171009
12. The Director, ES&T, Shimla-171001.
13. The Director, Urban Development, Palika Bhawan, Talland, Shimla
14. The Director, Higher Education, Shimla-171001.
15. The Director, Elementary Education, Shimla-171001.
16. The CEO, HP Infrastructure Development Board, Himland, District Shimla, HP
17. The CEO, BBND, Baddi.
18. The Director, Department of Art and Culture.
19. All Urban Local Bodies, State of Himachal Pradesh.

  
**Member Secretary**  
**HPSPCB, Shimla**