



# H.P. STATE POLLUTION CONTROL BOARD

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

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## **Minutes of the 3<sup>rd</sup> State Level Committee (SLC) Meeting held under the Chairmanship of Smt. Rajwant Sandhu on 09-05-2019, at Conference Hall, HPSPCB w.r.t the order 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 the Chairperson, SLC, and other members. The list of the attendees at the meeting is annexed.

In her opening remarks, Chairperson emphasised that the main focus should be on segregation of wet and dry waste at source as well its separate transportation to disposal sites. The dumpers on roadsides need to be removed and the towns should be dumper free as far as possible. The concerned departments must identify the vulnerable points along the drains/streams where mesh/grill fencing is required in order to ensure that solid waste/ litter does not flow into streams, rivers and other water bodies. Legacy waste must also be dealt with in a time bound manner.

Thereafter, Dr. R. K. Pruthi, Member Secretary, HP State Pollution Control Board presented the agenda and department wise ATR on decisions of the 2<sup>nd</sup> SLC. Deliberations followed as under:

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

- The Director, UD stated that source segregation has started in 438 out of 497 wards, and door to door collection is being done in 464 wards as on 09.05.2019.
- The tender has been floated for procurement of 47 baling machines, 54 incinerators and 10 trommel screens (for Solan, Nahan, Bilaspur, Sundernagar, Chamba, Hamirpur, Dharamshala, Kullu, Una and Shimla ULBs). The bids for the same shall be opened on 14.05.2019.
- Dumpers are being removed from hotspots and are being replaced with benches, plants, etc. wherever feasible. The target of 100% door to door collection will be achieved by 1<sup>st</sup> June, 2019. Status to be submitted by next meeting.
- A portal has been developed and Action Plans of all ULBs have been uploaded on the website of Department of Urban Development. Further, real time data is being uploaded on the website of Department
- For management of Sanitary Waste, directions have been issued to all ULBs for placing separate Bins (red colored) in all the ladies' public toilets for collection of soiled napkins and diapers, and to store the same safely at SWM site until the incinerator is installed. So far 50 ULBs (except Kullu, Bhuntar, Karsog & Theog) have placed bins in women toilets
- Wet waste processing is being done in 37 ULBs, dry waste processing in 20 ULBs, MRF/extraction of recyclables at site (temporary MRF) in 40 ULBs.
- Legacy waste management has been initiated in 7 ULBs. Further, the Department has called for tenders for procurement of 10 trommel screen machines for management of legacy waste. 15 major legacy waste sites have been identified at Parwanoo, Solan, Bilaspur, Sundernagar, Mandi, Una, Santokhgarh, Kangra, Dharamshala, Chamba,

Hamirpur, Nurpur, Kullu, Shimla & Nahan. The UDD has identified 120 bulk waste generators, of which 3 have started converting bio-degradable waste into compost. The bulk waste generators are being motivated to set up recycling facility in their premises.

- A draft policy for disposal of C&D waste has been circulated. It is expected to be approved by June, 2019.
- Currently 27 ULBs are using Citizen Grievance Redressal Mechanism i.e. Swachhata App.
- The posts for sanitary inspectors have been created. The process for recruitment shall be carried forward after the elections are over.
- The UD Department apprised that Material Recovery Facility/Transfer Stations have been designed for which funds will be released by the concerned ULBs.

#### ***Directions of Chairperson :***

- The UD is to provide details of IEC meetings that are being held in wards, also how many households have been contacted, in next SLC meeting.
- Figures are to be provided about bulk generators and notices/directions w.r.t. waste management issued.
- A room/KIOSK may be located in each JE office for collection of hazardous/e-waste. A board may also be put up clearly indicating the items of waste to be deposited there. Details to be provided by next meeting as to what is being done for disposal of domestic hazardous waste collected in such KIOSKs set up by ULBs.
- In the next meeting, UD shall submit a fresh report w.r.t. status of disposal of legacy waste at the identified locations in the State.
- In the next meeting, the UDD is to submit figures as to progress made regarding formalisation of services of Garbage Collectors, Rag Pickers and Kabarjis and steps being taken for improving conditions of Waste Pickers/Waste Collectors by revising wages, regular Health checkups, providing PPE (Personal Protection Equipments), etc.
- The UD Department is to ensure that the movement of garbage, especially wet waste, from the source of generation to the dumping sites of other towns is minimized. UD may look into the possibility of treating the wet waste in local compost pits, therefore land needs to be identified for locating such pits.
- The quantification of waste generated, collected and treated is to be done by ULBs. The UDD should come up with an Action Plan for the same.
- The Department is to issue necessary directions/notice to the Cantonment areas for waste disposal as per the Solid Waste Management Rules, 2016.
- The Pr. Secretary (UD) may take up the matter with HPSEB regarding power availability (3 phase connection) in existing Legacy Waste sites/Material Recovery Facilities.

As there is a waste management issue in Baddi area which involves multiple authorities, therefore, the Pr. Secretary (UD) is requested to resolve the matter seeking the good offices of CS if necessary.

It was again emphasized by the Chairperson that the Department of UD is to ensure 100% door to door collection so that dumpers can be eliminated. The Chairperson stressed on the need of simple IEC methods to reach out to every citizen for effective implementation. The main focus should be on door to door contact which is essential in order to maximise the

involvement of people. The households should be made aware of proper waste disposal through good IEC material, etc.

### **Forest Department:**

- The CF stated that 18 parks have been developed recently by converting hotspots.
- A proposal has been made requiring Rs. 1 crore for setting up more parks in four circles i.e. Nahan, Kangra, Chamba and Mandi.
- Proposal has also been submitted for wire/mesh fencing on the embankment of rivers. A letter seeking funds has been forwarded to RD for fixing the grills, wire mesh etc. at identified sites in the rural areas along the khads and nallahs where preventive action is required.
- Several tons of Plastic waste was removed in 11 Circles during Polythene Hatao Paryavaran Bachao Abhiyan.

### **Directions of Chairperson :**

- Hard figures to be provided in next meeting.
- The Forest Department may examine possibility of setting up temporary composting pits using bamboo, in Charagaha Bila Drakhtan areas where land is otherwise not available for disposal of green waste. Special mention was made of Karsog ULB in this regard.

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

- It was informed that revised Block and District level plans have been uploaded on the website of RDD
- Polythene Hatao Paryavaran Bachao Abhiyan was carried out in the month of April wherein 15000-16000 Kgs of waste was collected by the Panchayats. Another campaign has been proposed that shall be carried out after the elections.
- The DCs of respective districts have been issued directions w.r.t. three Census towns.
- Small incinerators will be installed in the panchayats.
- The panchayats have conducted meetings and specific action plans have also been made especially for those bordering National and State Highways.
- The panchayats have started to develop a system for segregation, collection and disposal of waste.

### **Directions of Chairperson :**

- The RD to consult with an NGO at Mussoorie regarding mobile collection and compaction of polythene. The NGO has been doing this work on pilgrimage routes.
- The Chairperson conveyed that the Kandaghat and Shoghi area needs to be cleaned up for which the concerned BDO and panchayat need to take responsibility.
- Further, the Barmana-Mandi NH stretch is also not clean and NHAI needs to address this aspect.
- The Gram Panchayats need to take responsibility for enforcing proper disposal of waste generated by vendors and dhabas located on the roadsides in their respective panchayats.

## **Tourism Department:**

- The Distt. Level Tourism Officers have been issued directions to take action against Hotels having waste more than 100kg/day and who have not initiated steps for disposal of biodegradable by the way of composting or any other appropriate method as per the Solid Waste Management Rules. Notices have also been issued.

### **Directions of Chairperson :**

- Report to be submitted regarding the same by 30<sup>th</sup> May, 2019.
- All hotels need to handle their wet waste in- house and only dry waste is to be given to concerned ULB.
- The Tourism Department is to issue directions to all hotels and restaurants regarding regulation of waste management in hotels as mentioned in Solid Waste Management Rules :-

*As per 4 (8) of SWM Rules 2016 All hotels and restaurants shall, within one year from the date of notification of these rules and in partnership with the local body ensure segregation of waste at source as prescribed in these rules, facilitate collection of segregated waste in separate streams, handover recyclable material to either the authorised waste pickers or the authorised recyclers. The bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by the local body.*

- An example was shared, which read - "Take all you can eat, but eat all you take - Yesterday's wastage was \_\_ kgs, which can feed \_\_ no. of people" w.r.t. this the Tourism Department was directed to explore the possibility of setting up of such display boards in Hotels and Restaurants, to check wastage of food.

## **Health Department:**

- It was informed that out of 387 hospitals (bedded), 189 are directly connected with Common Bio-medical Waste Treatment Facilities in the State.
- Bar coding has been initiated for handling and transporting BMW Waste in the State and the same is to be completed by 30<sup>th</sup> June, 2019.
- The process has been started for installation of STPs/ETPs for chemical liquid waste treatment in health care facilities in the State and it would be completed till 31<sup>st</sup> December, 2019.

## **Education Department:**

- It was stated that necessary instructions have been issued by the Department of Elementary Education to all the GSSS/GHS/GMS schools of the State regarding management of Solid waste generated on account of Mid-day meal scheme.
- The students of NSS, NCC, Eco-Club are also involved to manage the solid waste material in the schools. All the DDHEs have been directed to ensure proper management of the solid waste.

- Talks on Solid waste management, pollution issues and their adverse impact on the environment are delivered in the morning assembly once a week. Lessons relating to protection and improvement of environment are already being taught in some classes and it will be implemented in all the institutions very soon.
- All the institutions have been directed to collect the waste material (bio-degradable and non-bio degradable) separately in green and blue dustbins.
- Some schools have installed the sanitary napkin vending machines and the tender is in process for installation of incinerators.

***Directions of Chairperson :***

- The Education Department is directed to ensure that each institution has a clear plan for disposal of waste generated in the school / institution.

**Public Work Department:**

- It was stated that cleanliness drives are being carried out to maintain the roads. Plastic waste is being removed from various roads throughout the state and dedicated teams of workers have been deputed regarding the same.
- All field officers/officials have been keeping a careful watch to ensure that no construction material is dumped along the road side and necessary instruction have been given there of .
- The PSO, Department of Env. Science & Tech. conveyed that there is no specified thickness of plastic to be used for construction of roads.

***Directions of Chairperson :***

- It was observed by Chairperson that earlier an initiative was taken for plastic waste management in 2010-11. The work done at that time ensured that the state got the Prime Minister's Award for Excellence in April 2011. The PWD had extended its full cooperation at that time and the polythene and plastic was used in the metalling of roads. Now also the PWD must co-operate and coordinate with Department of Env. Science & Tech. in order to ensure usage of all kinds of plastic in construction of roads.

**National Highway Authority of India:**

***Directions of Chairperson :***

- An Action Plan is to be prepared for maintaining cleanliness on the National Highway stretches.
- The NHAI is to dump muck only at designated sites.
- If illegal dumping is observed along the NHs under its management, the NHAI is to inform the same to MC Shimla/concerned Municipal Authority.
- A letter to be issued by Pr. Secy (UD) to NHAI w.r.t. maintaining cleanliness on the National Highways.

**Food & Civil Supplies Department:**

### ***Directions of Chairperson :***

- The field officials/officers are required to ensure that vegetables and fruits are not being transported and sold in thin plastic bags, that are already banned across the State.
- Directions should be given by and Food and Civil supplies to Beopar Mandals for door to door collection, segregation at source and for collection of user charges.
- Summary Report of challans being done should be sent to the Committee for information.

### **Department of Env. Science & Tech.**

- The Pr. Scientific Officer informed that the State Government launched a week long special drive to collect littered plastic waste with the objective to safely dispose the same. This drive was launched all over the State with the assistance of District Administration. The Department of Environment, Science & Technology coordinated the entire programme. The campaign was launched from Shimla on 12th April, 2019, the Hon'ble Governor of H.P. flagged off the "Polythene Hatao Paryavaran Bachao" campaign from The Ridge, Shimla, H.P. During the launch ceremony the IEC material was also released w.r.t. ill effects of use of Polythene bags.
- Prior to starting of the campaign, the Guidelines were also issued to the DCs for organization of the campaign. As per reports received from different Districts, 19.50 tonnes of plastic waste has been collected throughout the State and about 5 tonnes of waste plastic has been handed over to HPPWD for Road Construction.
- It was further stated that seven sites had been identified by the Department for setting up of micro-level solid waste plants. Only three areas are left out i.e. Arki, Bamsan and Bangana for which re-tendering process shall be carried out after elections.

### ***Directions of Chairperson :***

- The Department of Env. S&T and Pr. Secy (UD) to hold a meeting with PWD department w.r.t. to the usage of plastic in construction of roads,.

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

- The MS intimated that annual report for the year 2017-18 w.r.t. Solid Waste, Plastic Waste and C&D Waste has been submitted to CPCB on 12.04.2019.
- Notice to be issued to glass bottle manufacturers, brand owners, etc under Extended Producer Responsibility (EPR) for collection of glass bottles by distributor/sellers as glass beer bottles are not finding any takers for disposal.

### **Cement Industry:**

- The plastic which is being transported to the cement plants from ULBs should be sent in compact form, the transportation cost will also be reduced substantially.

- The cement industries are ready to comply with the directions of ACS i.e. *As per Solid Waste Management Rules, 2016, under Rule 18, All industrial units using fuel and located within one hundred km from a solid waste based refuse 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 refuse derived fuel so produced.* and directions of Hon'ble NGT in OA No. 606/2018 w.r.t compliance of solid waste management Rules, 2016, that *"Mandatory arrangements have to be made by cement plants to collect and use RDF, from the RDF plants, located within 200 kms."*
- CCI Rajban submitted that they do not have requisite technology for use of RDF, therefore, they have been directed to make an Action Plan for using RDF and start taking RDF from Paonta and Nahan.

**Directions of Chairperson :**

- As far as RDF utilization is concerned, the plastic available in legacy waste needs to be reviewed by Director, UD, as it has been conveyed by the cement factories that the moisture content in the RDF provided is above limit.
- Since all areas are connected with cement plants to utilize RDF except Chamba, possibility of connecting this area to be looked into.

**At the end Chairperson made the following observations w.r.t. the Departments concerned:-**

- The towns are to be made Open Defecation Free (ODF) and basic sanitation facilities must be provided to the migrants also.
- The towns should be made dumper free which can be achieved by ensuring 100% door to door collection of garbage.
- As per SWM Rules, 2016, door to door collection is mandatory and if the waste generators are not complying with the Rules, challaning may be done. If persuasion fails, coercive measures have to be taken.
- Grills and mesh to be installed in Shimla, not only along the river banks or water bodies but also along the drains. The other ULBs must also pay attention to this aspect. Panchayats to take responsibility in rural areas and Forest Department .
- Separate framework to be developed for such panchayats that have a large population.
- The Department of RD and UD may look into the possibility of using plastic bottles (poly bricks) in small constructions like retaining walls, etc.
- The Department of Urban Development and Rural Development should get the compost generated from waste at different locations analysed so that the farmers develop confidence about using the same in their fields.
- An appropriate body may be assigned the task of developing good IEC material. The Chairperson suggested that a 2 year calendar may be circulated having illustrations/directions w.r.t. different types of wastes and handling of the same. These calendars may be circulated to every household and cost for the same may be shared jointly by UD & RD.

- Principal Secretary (UD) may consider holding a meeting with Cantonment Boards w.r.t. compliance of Solid Waste Management Rules, 2016.
- The Chairperson stressed that wherever the task of clearing the Legacy Waste has been assigned to a private operator, progress report should be taken regularly.
- The Department of Environment, Science & Technology to share their material of Polythene Hatao Paryavaran Bachao with Urban Development Department.
- Progress on formalisation of services of Garbage Collectors, Rag Pickers and Kabaris. Steps to be taken for improving conditions of Waste Pickers/Waste Collectors by Revising salary, Regular Health checkups, Providing PPE (Personal Protection Equipments). Encouraging the Waste Collectors by giving awards/honorarium to the waste collector collecting segregated waste.
- It is to be ensured that wet waste is not transported from one ULB to another for disposal. Decentralized approach for disposal of waste be adopted.
- **The SLC is not getting the reports of the DCs regarding their meetings related to SWM. Director,UD, may follow up on this.**

**All the Departments are directed to appoint their nodal officer and intimate the names of the official/officer to HPPCB as soon as possible.**

**The next meeting of the SLC is scheduled to be held on 7<sup>th</sup> June, 2019 at 11:00 AM in the Committee Room, 6<sup>th</sup> Floor, Armsdale Building, HP Secretariat, Shimla-171002.**

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

Approved  
Chairperson  
State Level Committee (SLC)

Endst. No. PCB/SLC/- 10886-10913

Dated: 24-5-2019

**Copy forwarded to:**

1. The Spl. 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 Member Secretary, CPCB, New Delhi.
6. The Pr. CCF (HoFF), Forest Department, Shimla-171001.
7. The Municipal Commissioner, MC Shimla, the Mall, Shimla.
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 PIU, National Highway Authority of India, Rishikesh Sadan, Shanti Kutia, House No. 1, Chakkar, Baluganj, By pass Road, Shimla-171005.
15. The Director, Higher Education, Shimla-171001.

16. The Director, Elementary Education, Shimla-171001.
17. All DCs in H.P.

*for*   
Member Secretary  
HPSPCB, Shimla