



H.P. STATE POLLUTION CONTROL BOARD

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

Tel: 0177 2673766, 2673032 Fax: 0177 2673018

Minutes of the 8th State Level Committee (SLC) Meeting held under the Chairpersonship of Smt. Rajwant Sandhu at 10:30 AM on 14-02-2020 at HP Secretariat, Shimla, w.r.t the orders dated 16.01.2019 passed by Hon'ble National Green Tribunal in O.A. No. 606/2018

Member Secretary, HPSPCB welcomed the Chairperson, SLC, Secretary (Environment, Science & Technology and UD) and other officials present in the meeting. The list of the attendees is at **Annexure-I**. He then presented the agenda and department wise Review of Action Taken on decisions of the Seventh SLC meeting.

1) Review of Action Taken Report (ATR) on the actionable points of 7th SLC meeting.

Department of Urban Development:

Director, Urban Development informed about the progress made by the UDD.

- Separate days have been fixed for picking up of dry and wet waste from the households.
- The matter w.r.t. land parcel availability and procurement is being pursued with the DCs.
- ULBs have prepared list of waste generators and are monitoring the source segregation accordingly. The list is being provided to garbage collector to check which waste generator is not providing segregated waste and same shall also be given to the person who will collect the user charges as directed during 7th SLC Meeting.
- All ULBs are going to adopt the Nahan model of collecting the monthly User Charges utilising the services of women members of the urban SHGs.
- Option of installing rapid composters is being explored in ULBs that do not have adequate space for pit composting.
- The Waste to Energy plant at Manali shall start producing RDF by 25 Feb and electricity production is expected to start from 31st May, 2020.

Observations of Chairperson:

- ❖ As per the directions of NGT, DCs must hold review meetings every month to monitor compliance of SWM Rules, 2016. This was especially necessary as it was evident from the data presented by Director, UD, on the 18+ points that there was a lot of variation in the performance of the ULBs even within the same district. Although Mandi and Sundernagar had almost similar population but Mandi MC was doing much better as was evident from the monthly collection figures regarding user charges. A D.O. letter ought to be sent by Secretary (UD) to each DC with the extract of the data relating to his/her district. The DCs would then be aware of the performance of the ULBs in their district on the parameters that are being monitored by SLC. Since it is seen that often ULB staff do not get enough cooperation from the local people, the SDMs also need to be involved in this work as their directions carry a lot of weight. **100% door to door collection and segregation of waste at source must be ensured by all ULBs.** Also, the challaning in case of violations, be done regularly as per provisions of relevant Acts/Rules.
- ❖ The data showed that a fairly large number of hotspots continue to exist even they are reported to be cleared regularly. ULBs must **ELIMINATE** these. 100% Door to door collection if ensured, would also result in there being no hotspots.
- ❖ Sirmour model of plastic waste management could be replicated in other districts also. Clean plastic should be sent to the HPPWD and soiled material could be stuffed into plastic bottles to make poly-bricks.
- ❖ Material Recovery Facility (MRF) must be set up within the ULB area and not far away in order to facilitate the rag pickers and Kabaris in taking away the recyclables.
- ❖ Waste from one ULB to other should not be transported for processing/disposal. All ULBs must find land parcel for setting up of SWM facility within or near to the town. Also, the land parcel just adequate for the town shall be got transferred. Seeking excessive transfer of land be avoided.
- ❖ Decentralized waste processing for disposal of SW should be promoted, so that the land requirement is less and transportation cost can be reduced.
- ❖ Plugging of drains/nallah points need to be completed. If such points have not yet been identified, they must be identified and plugged by March, 2020.

- ❖ Wherever operations of SWM have to be mechanised, installation of the machinery may be expedited. Also, non functional units may be repaired and made functional at the earliest. This will help in clearance of Legacy Waste and improve disposal of currently collected waste.
- ❖ The ULBs shall effectively utilise the SWM sites already being used /allotted to them and any agitation/opposition by local residents for rightful use of sites by ULBs must be dealt with strictly. Any hindrance to this public service shall be conveyed to the DC and SP so that they intervene as necessary.
- ❖ All ULBs shall handle the work of processing/treatment of waste only as per the SWM Rules, 2016. No ULB shall dump un-segregated waste in open otherwise they shall be liable for penalties to be imposed by HPPCB.
- ❖ Individual ULBs may also consider passing Resolution defining a unit generating more than 50Kg per day of solid waste as a Bulk Waste Generator and shall direct all such BWGs in their area to handle their biodegradable waste on their own.
- ❖ C&D dumping sites earmarked by the ULBs must be notified as required under the C&D Waste Management Rules, 2016.
- ❖ In order to temporarily address the shortage of manpower in ULBs, the UD Department may explore the possibility of engaging retired people from this sector till the time the Department completes the process of selection and appointment against the advertised posts.

Department of Rural Development:

The Director Rural Development stated that:-

- Some incinerators are being used that generate a lot of smoke (mainly CO and SO₂). These add to pollution rather than mitigating the same. He requested that the HPPCB should conduct a study and advise as to which models of incinerators should be recommended for installation in educational institutions.
- Swachhta cess is being levied on households in rural areas.
- Solid Waste Management plants are being set up at several locations on the lines of AIMA Panchayat, Palampur.
- Organic composters are being installed at clusters where solid waste generation is high.
- Plastic waste is being collected since last six months at Panchayat level under Swachhta hi Sewa Campaign.

- There is now provision to award best performing District Rural Development Agency to encourage DRDAs to perform better in waste management.
- 32 locations on highways had been identified to develop way side amenities.
- The Pradhan of AIMA Panchayat has been engaged as a Motivator/ Coordinator for waste management in rural areas.
- For disposal of C&D waste from Shimla city, a site has been identified near Dhalli, Shimla . Also for Paonta MC.
- CCTV monitoring is being done by BDO Kandaghat to check the littering of waste.
- A Swachhta team has also been constituted to deliver motivational talks on segregation at source in educational institutions.
- RDD has issued notification w.r.t. non requirement of NOC of Gram Panchayats for using land parcel required by UDD for SWM purposes.
- The issue of AIMA Panchayat be resolved by UDD. Earlier, the MC used to pay the Panchayat for processing its solid waste but now payment is not being made.
- 600+ rag pickers have been registered, they may be made a part of buy back policy of Plastic Waste, so that they are encouraged to perform better.

Observations of Chairperson:

- ❖ Too much financial investment should not be made on Solid Waste Management in rural areas. Wherever possible, cheaper options may be adopted. Mechanised system (organic composter) may preferably only be installed for upper areas where the temperature is very low and there is very slow decomposition of organic waste. Elsewhere, they should be installed exercising due caution, since recurring cost on account of power consumption would be quite high.
- ❖ School children may be included by RDD in nukkad natak, for spreading the message of SWM, and if they help in collecting polythene and plastics they may be encouraged by being awarded prizes such as stationery items or snacks.
- ❖ Rural Development Department may tie up with ULB's w.r.t. levelling of dumping sites for C&D waste and developing them into playgrounds, sites for temporary markets, etc.

- ❖ Pradhans may be made responsible for identifying the large clusters of homes and shops on roadsides. The Pradhan and local Ward Member must hold meetings with the local people in the cluster and work out arrangement for solid waste management. User Charges have to be levied and recovered. Dedicated persons must be appointed for regular door to door collection and disposal of the SW. **Video Conference must be held with BDOs to clarify this and they should become involved with this work. Targets may be fixed and hard figures of coverage may be provided at the time of the next review.**
- ❖ Notice should be issued to Pradhan at Bilaspur for obstruction of public service under SWM. Similar action be taken for Jogindernagar, Una and Palampur. The Secretary, (Env., S&T and UD) may take up the matter with concerned DCs.

Forest Department:

- The representative of the Forest department stated that there are 22 projects of Eco-parks and nature parks under development. Cleanliness drive along Hill Slopes is in process and will be repeated from time to time.
- CAMPA funds are being utilized for these works and the Department has adequate funds for the protection works.

Chairperson:

- ❖ At three places temporary pits were made by ULBs for composting of wet waste (Jogindernagar, Rampur and Jawali) but the local Forest Department officials demolished the same although this arrangement of temporary pits had been agreed to by Pr. CCF. The action of Forest Department was not appreciated and pits must be reconstructed. The Secretary (Env., S&T and UD) shall take up the matter with PCCF (HoFF) to further issue necessary directions to the field officers.
- ❖ The Chairperson directed that hard figures regarding protection of vulnerable points along hillsides may be provided before next meeting so that the work done by Forest Department is brought on record.

The Secretary (Env., S&T and UD) directed the Forest Department to explore the possibility of phyto remediation along the Sukhna nallah

and Jattanwala Nallah. Similar action should be taken by HPPCB on the cleared area at the Bharyal waste disposal site.

Himachal Pradesh Tourism Department:

Representative of Tourism department informed that a large number of hotels had been inspected and Sensitization Camps regarding proper SWM were being conducted at Shimla and Mandi.

Directions of Chairperson:

- ❖ Chairperson directed that reference to Inspections conducted must include details and hard figures w.r.t. Wet Waste Management, Dry waste disposal and incineration of sanitary waste. The data must be conveyed to HPPCB and Director UD every month by Directorate of Tourism

Education Department:

Representative of Education Department informed that:-

- A meeting has been conducted with private residential schools/ colleges especially in Kasauli and Dalhousie area for ensuring proper management of Solid waste particularly where there are hostels. Necessary directions to all such institutions are given to install sanitary waste incinerators.
- Out of 129 colleges, 95 colleges have installed incinerators and for remaining proposal submitted for sanction of funds.
- Order for procuring 2188 incinerators has been placed on GeM Portal.
- Directions have been issued to Hostels (Schools & Colleges) for making composting pits to handle biodegradable waste.
- Directions have been issued to co-ordinate with MCs /Panchayats for waste management and disposal.

Directions of Chairperson:

- ❖ Composting facilities (construction of pits) may be made for waste generated from mid-day meal programme of schools. Progress may be appraised in next meeting in hard figures.

The Secretary (Env., S&T and UD) suggested that the Education Department may explore the possibility of installing on grid roof top

solar system structures in schools and colleges so that renewable energy may be used for powering the institutions.

The Chairperson suggested that trial of big Solar Cookers, be done and possibility shall be explored for their usage in cooking mid-day meals.

Health & Family Welfare Department & National Health Mission:

- 2808 healthcare institutions applied for authorization under Bio-Medical Waste Rules, 2016, out of which cases of 508 institutions have been rejected.
- Individual treatment capacity of non-bedded Health care institutions shall be completed by 31-03-2020.
- More than 100 bed capacity institutions have to procure E.T.Ps for which tenders have been floated.

Directions of Chairperson

- ❖ The department shall provide information in tabular format w.r.t proposals (ETPs, STPs, onsite treatment facility) and timeline for full compliance, in next meeting.
- ❖ Meetings/ Training should be conducted with CMOs for effective guidance on Hazardous and Bio-Medical Waste Management.
- ❖ The HPSPCB and Health Department shall check whether observations made by Sh. D.K. Sharma, Ex-SEE, in his reports prepared w.r.t working of Common Bio-Medical Waste Management facilities at Kangra, Solan and Kullu have been addressed. The reports are available on-line with HPPCB.

Public Works Department & National Highway Authority of India:

EnC, PWD department informed that:-

- The PWD had prepared a calendar for Swachhta Abhiyan started on 50th anniversary of Statehood. The Department will ensure cleanliness along all the roads throughout the year under this Abhiyan .

- With regard to usage of polythene/plastic in road repair and construction, EnC stated that rather than collecting the material from all over the state at a central location and using it for long stretches, he had issued directions that even the small quantities collected within Divisions should be used for patch repair. This would give quicker results.

Secretary (UD) suggested that the HPPWD should identify the Hot spots for littering of waste and geo-referencing of such spots should be done so that focused effort could be made for maintaining cleanliness at these places.

H. P. State Pollution Control Board:

- The Member Secretary, PCB apprised that the proposal for conducting Environment Audit of Industries, was sent to IIT Kanpur but response had not been received till date.
- Environmental audit has been conducted in respect of some industrial units at Paonta Sahib and Baddi.
- Member Secretary, PCB informed that District Environment Plans had been prepared & sent to Govt & CPCB for approval on 24-01-2020.

Directions of Chairperson:

- ❖ A workshop may be conducted with stakeholders for proper management of e-waste. Also Collection points for e-waste for the general public had to be made available/easily accessible.

Waste to Energy Plant:-Rangri, Manali.

The representative of the Company stated that:

- ❖ Till 15th December, 50 tonne of RDF was produced and sent to Barmana cement plant. At presently Plant is under maintenance. Production of RDF shall start again on 25th Feb, 2020.
- ❖ Energy production shall begin by May end .

The Chairperson, SLC and Secretary (Env.,S&T) observed that there were a lot of complaints about foul odour around the site. The company should address this issue effectively as the unit was located on the highway close to Manali. The town being a very popular tourist destination, would not suffer

this nuisance, and there was always a chance of residents filing cases before the courts regarding this.

Department of Environment, Science & Technology:

- The tender documents have been prepared by HPIDB for 10 micro-level Solid Waste Management proposals. Rs. 8 crore is required while Rs. 4 crore(s) is received.

Department of Language, Art & Culture:

- Letter has been written to all the temples under the management of the State for allocation of funds for SWM. Mostly, the response is that some funds have already been assigned for maintenance of gaushalas and it is difficult to spare more.
- The DEST (Department of Environment, Science & Technology) apprised the Chairperson that there is a proposal to install bio-digestors at Chintpurni, Naina Devi, Bala Sundari and Baba Balak Nath temples.

Chairperson:

- ❖ Decision in the matter of fixing 1-1.5% of the temple revenue to be given to respective ULB in which temple is located, needs to be taken at the Govt. Level. Secretary (Env. S&Tand UD) was requested to pursue the matter.

Department of Town & Country Planning:

Directions of Chairperson:

- ❖ TCP Deptt must ensure that provision of having RWAs registered in large building complexes is implemented strictly. The Builders tend to avoid this claiming that the building is not complete or that all the units have not been sold. Years go by and no one is there to take responsibility regarding maintenance and now SWM.
- ❖ A proposal to create "chute" in tall buildings for garbage disposal may be examined for complexes that will be built in future. The Architects Council may be consulted.

Department of Ayurveda:

- The Department in association with Health department is working to cover all Health care facilities to provide onsite treatment facility for Bio-Medical waste.

Chairperson:

- The Ayurveda department should resolve the issue of rejection of cases under Bio-Medical Waste Management Rules, 2016, with HPSPCB. The department shall move the proposal for additional funds to State Government, if required.
- ❖ HPPCB must ensure proper and effective collection and processing of Bio-Medical waste from institutions that are left out at present.
- ❖ The Department shall provide hard figures of progress made w.r.t providing full coverage in the next meeting.

Department of Animal Husbandry:

- The Department has submitted an action plan to the Finance Department for an amount of Rs. 16 crore for construction of disposal pits.

The Secretary (Env., S&T) suggested that the file may be moved through AD to Finance. The matter may be dealt on priority and a mechanism may be put in place.

The Chairperson observed that in far flung areas it might be possible for Health, Ayurveda and Veterinary institutions to have common pits for disposal of the biomedical waste. Perhaps this could be coordinated through HPPCB.

Waste to Energy Plant, Shimla:

- It was stated by the company representative that final testing had been done but some more construction work was required. Six months more time was required i.e. 3-4 months for construction, 1-2 months for assembly and 1 month approx. for integration before the plant can come into full production.

Directions of Chairperson:

- ❖ The concessionaire was advised to compress the timelines proposed.

Municipal Corporation Shimla:

- The dumpers have been removed from Shimla town. Hotels and residential Schools have been directed to set up on site facility for waste management.
- Vermi composting is practised at Gaushalas for waste disposal.
- Night sweeping is taking place in commercial areas.
- Nallahs have been cleared of plastic waste and now this is done on regular basis. Most of the drainage points have been plugged.
- Challaning is being done regularly.
- The average monthly collection of User Charges has gone up to Rs. 70 lakh and there is scope to take it up to Rs. 1 crore. Garbage collectors are being paid Rs. 10000-11000 per month and are working more responsibly.
- A large portion of the legacy waste at Bharyal waste disposal site has been cleared.
- There is some difficulty with the 10 panchayats that dispose of their SW at Bharyal. The SW is not segregated and since the dumpers have been removed, the waste is just being dumped.

Chairperson: Overall, the MC Shimla has performed well and shown significant progress since the last meeting. Secretary (UD) may hold a meeting with RDD and MC Shimla to resolve the pending issues.

Miscellaneous directions:

- Plugging of drainage points where garbage is flowing into water bodies should be taken up on priority in all ULBs.
- Regular recovery of User Charges has to be ensured. This will also help strengthen the finances of the ULBs for managing waste collection and disposal.
- While Shimla MC is doing well, other ULBs in Shimla district are performing poorly. UDD to address this.
- The land transfer cases for setting up of Solid Waste Management facility in the remaining ULBs must be expedited. Disputes regarding sites to be resolved.
- Collection centres need to be set up in all ULBs for collection of e-waste and hazardous waste.

- The Urban Development Department and HPPCB shall tie up with Hazardous waste, TSDF and e-waste dismantlers and recyclers for disposal of domestic Hazardous waste and e-waste.
- Since Sirmaur District has been awarded for Innovative Practices in Waste Management", DC Sirmaur may be asked to prepare a video to illustrate how plastic waste is managed in Sirmaur. This video can then be circulated to the DCs and DRDAs.

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

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

Endst. No. (36)PCB/CD/SLC-Vol-II/2020- 3312-33 Dated: 27 ²/₂₀₂₀.

Copy forwarded to:

1. The Spl. PS to the Chief Secretary, GoHP Shimla-171002.
2. The Addl. Chief Secretary (Health), GoHP Shimla-171002.
3. The Pr. Secretary, Urban Development, GoHP Shimla-171002.
4. The Secretary, (Env. S&T, UD), GoHP Shimla-171002.
5. The Secretary (RD & PR), Govt. of Himachal Pradesh, Shimla-02.
6. The Member Secretary, CPCB, Parivesh Bhawan, East Arjun Nagar, Delhi-110032.
7. The Pr. CCF (HoFF), Forest Department, Talland, Shimla-171001.
8. The Director, Tourism, Block no. 28, SDA Complex, Kasumpti, Shimla-9.
9. The Municipal Commissioner, MC Shimla, the Mall, Shimla.
10. The Engineer-in-Chief, Public Works Department, Shimla-171001.
11. The Director, Directorate of Town and Country Planning Department, YojnaBhawan, Block No. 32A, SDA Complex, Vikas Nagar. Shimla-9.
12. The Director, Health Services, Kasumpti, Shimla-171009.
13. The Director, Food and Civil Supplies, Below IT Bhawan, SDA Complex, Shimla-9.
14. The Director, Rural Development, Rural Development Department, 27 SDA Complex, Kasumpti Shimla-171009.
15. The Director, ES&T, Paryavaran Bhawan, Near US Club, Shimla-171001.
16. The Director, Urban Development, PalikaBhawan, Talland, Shimla.
17. The Director, Ayurveda Department, Block No. 26, SDA Complex Kasumpti, Shimla-9.
18. The Director, Higher Education, Lalpani, Shimla-171001.
19. The Director, Elementary Education, Lalpani, Shimla-171001.
20. The Director, Department of Language, Art & Culture, SDA Complex, Kasumpti, Shimla.
21. The Director, Animal Husbandry, Pashudhan Bhawan, Bioleuganj, Shimla-5.
22. The PIU, National Highway Authority of India, RishikeshSadan, Shanti Kutia, Boileauganj by pass road, 171005.

**(Aditya Negi, IAS)
Member Secretary
HPSPCB, Shimla**