



**H.P. STATE POLLUTION CONTROL BOARD**  
**“HIM PARIVESH” PHASE-III, NEW SHIMLA-171 009 (H.P)**  
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**Minutes of the 4<sup>th</sup> State Level Committee (SLC) Meeting held under the Chairmanship of Smt. Rajwant Sandhu on 10-06-2019, 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.**

At the outset, Member Secretary, H. P. State Pollution Control Board welcomed the Chairperson and other official members. The list of the attendees is annexed as Annexure-I.

Initiating the discussion, Chairperson, SLC, observed that Hot Spots of Solid Waste were still visible even on the National Highways. In Kandaghat these were still present in spite of directions to organize D to D collection of garbage. Little improvement had been shown by Rural Development Department staff and Pradhans of GPs in this regard, although the issue had been discussed in every meeting of the SLC and even in the Review meeting held in Solan on 30/05/2019 when all the BDOs of the district were present. She also observed that there was not much improvement in the performance of the ULBs as evident from the data provided by Department of Urban Development. The waste from one ULB is still being transferred to other ULB despite directions. This must be stopped. Chairperson also stated that directions given during her tours on this issue had not been complied with. Further, the main focus should be on 100% d to d collection of SW and segregation of waste at source as well as separate transportation of the same to processing sites.

It was further directed by the Chairperson that the dumpers at roadsides need to be removed. If 100% d to d was achieved, dumpers would not be required. Solan town had done away with dumpers and the cleanliness level had improved considerably. Besides, visibility of monkeys and stray dogs had also reduced.

The concerned departments must identify the sites along the drains where mesh/grill fencing is required in order to ensure that solid waste/ litter do not flow into streams, rivers and other water bodies. Similar action is to be taken by RDD and Forest Department for vulnerable points in rural areas.

Thereafter, Dr. R. K. Pruthi, Member Secretary, HP State Pollution Control Board, presented the agenda and department wise ATR on decisions in the third SLC meeting.

**Department of Urban Development:**

- Joint Director, UDD, stated that source segregation has started in 471 wards and door to door collection is being done in 486 wards out of 497 wards. Extensive IEC is being continued in all ULBs to achieve 100% source segregation.
- 228 vehicles are being used for transportation of waste (137 permanent and 91 hired). GPS installed in 108. Separate collection of waste is being done by modifying the vehicle body by providing compartments. In some ULBs, separate vehicles are used for wet & dry waste and in some drums have been placed in the vehicles to collect wet waste separately.
- Waste processing facility is available/ identified in 51 ULBs. In 32 ULBs, the sites are available in the name of UDD/ULB, 3 more ULBs are having joint land parcel with other ULBs. Therefore, total 35 ULBs are having land. In addition, land parcels for regional landfill

had been identified at 3 ULBs namely Shimla, Una and Chamba. Land transfer is under process in 19 ULBs.

- **Waste processing facility details:**

In 32 ULBs (permanent/temporary) pit composting is being done. Pit composting facility is under construction for modification/extension in 7 ULBs. Wet waste is being processed / utilised through Organic Waste Recycler /Biogas/piggery unit in 5 ULBs. Material Recovery facility has been set up in 2 ULBs (Kangra and Naina Devi) and recyclables are being extracted at site in 30 ULBs. Non-recyclable plastic waste is being sent to HPPWD for use in road construction in 7 ULBs, and to cement plants from 10 ULBs. Open dumping is still going on in 7 ULBs as yet. WtE plant is being setup at Manali. At Kenduwal, Baddi and Shimla RDF is being generated which is further sent to cement units. The waste processing facility in the rest of the ULBs will positively be ready by 30.08.2019. Orders for procurement of Incinerators for dealing with Sanitary Waste and baling machines for compacting plastic waste for easy disposal have been issued.

- All ULBs have been directed to collect sanitary waste separately. To collect this waste separately, red bins have been placed in all the public toilets in the ULBs. This waste will be incinerated by the ULBs wherever incinerators have been provided.
- 3 district headquarter towns & 3 other towns (i.e. Shimla, Hamirpur, Nahan, Kangra, Sundernagar and Sri Naina Devi ji) have been nominated as Model Towns vide Govt. notification dated 26.03.2019. Activities to be performed in these cities along with the timeframe for each activity has been prepared and circulated to all these ULBs. A meeting under the Chairmanship of Pr. Secretary (UD), GoHP has been conducted with these ULBs. It was decided that a proper monitoring protocol for these 6 cities is to be developed by these ULBs. In addition, one visit per month to each of these ULBs shall be ensured by DUD to assess the compliance.
- IEC strategy has been developed by the State and the same shall be circulated to ULBs for implementation shortly. Design has been prepared to print calendars for distribution to each household for promoting segregation at source. In addition, a 20 days long campaign “Har Din Teen Bin” has been launched on “World Environment Day” whereby all ULBs have been directed to contact each and every household for creating awareness on source segregation.
- Of the 95 Bulk Waste Generators identified by the ULBs, only 4 are managing their own waste. The ULBs have sent notices to remaining Bulk Waste Generators to comply with the SWM Rules, 2016. If non compliance continues, the list shall be provided to HPSPCB to take penal action against these establishments.
- Draft Policy for C&D waste management has been developed and is also available on DUD website. The policy is expected to be finalized by 30<sup>th</sup> June, 2019.
- The DUD has identified 10 major cities/towns (including Shimla) for management of legacy waste. To manage this legacy waste, DUD has procured Trommels that shall be installed in June in the identified cities/towns.
- Till date 186 rag pickers have been identified, ID cards have been issued and protection gear provided. Further, the rag-pickers are encouraged to assist ULBs in segregating the dry waste into recyclables and other components.

- A meeting of Cantonment Boards was held on 14th May, 2019 whereby they have been directed to comply with the SWM Rules, 2016. Cantonment Boards, Subathu, Dagshai and Kasauli have installed processing facility for management of wet waste. Segregated waste is being collected by the CBs.
- The Deputy Commissioners are regularly monitoring compliance of SWM Rules, 2016, in their districts and their reports have been received for the month of May, 2019.
- Real time data w.r.t solid waste management is available on portal developed for the purpose *sbmuhp.co.in*. The City Ranking scheme has been developed by the Department and same shall be uploaded on Department website and implemented in all ULBs shortly.

**Directions of Chairperson :**

- Chairpersons acknowledged that Door to Door collection and segregation of waste is a difficult task but it can be achieved by Door to Door direct contact with people. IEC campaign is to be simple for better understanding. Ward committees to be activated and details regarding their work may be compiled. The number of Garbage Collectors needs to be increased so that collection of garbage is regular. Two bags be provided to each waste picker so that dry and wet waste is not mixed. In the alternative, dry waste can be collected on one or two days in a week.
- Transportation of garbage from one ULB to other ULB shall be stopped immediately. This is happening in Rajgarh where it goes to Solan, Jogindernagar to Mandi, Baddi to Lalru in Punjab and from Parwanoo to Shimla/ Kenduwal. Such transportation costs a lot, while the garbage can easily be dealt with locally.
- More Material Recovery Facilities to be established. Initially temporary MRF sheds with CGI sheets to be put up so that handling the dry waste does not have to be done in the open. Report in this regard be provided in next meeting.
- Policy of Construction and Demolition Waste to be finalized by 30<sup>th</sup> June 2019.
- For quantification of waste, weigh bridges to be installed in major ULBs.
- Figures w.r.t Bulk Waste Generators are changing in every meeting. ULBs to finalize the list and send notices to non-complying Bulk Waste Generators and convey the action taken to Pollution Control Board which shall take further steps as per law.
- For collection of Domestic Hazardous waste, prefabricated structures having different bins can be put up with JE office of ULB.
- Figures seem to be incomplete w.r.t formalization of services of Rag Pickers. Director UDD to pursue this with the ULBs.
- Screening Kabariwala points along highways is necessary as these are unsightly and ruin the driving experience in a State that sees lakhs of visitors in every tourist season. **PWD shall take action against Kabaris sitting on public land and also get the screening done.**
- Power availability is a basic requirement at dumping sites where the processing of Solid Waste is to be done in order to run the incinerators and the trommels/balers which have been installed. ULBs that do not have 3 phase connection have to apply for the same urgently.
- Inventory of Solid Waste, Plastic Waste as pointed out by members of CPCB team during performance audit of PCB is to be done by ULBs and the State Pollution Control Board shall prepare an Action Plan for the same and provide that to Urban Development Department for further compliance.

- Directions have been issued by CPCB dated 19.03.2019 w.r.t setting up of Material recovery facility where recyclables are separated prior to sending the SW to Waste to Energy Plants. In this regard directions may be complied by every ULB and segregation of waste be done properly.
- Directions of CPCB dated 15.04.2019 w.r.t implementation of Solid Waste in the State by setting up technical cell, segregating waste at source setting up of buffer zone, disposal of legacy waste, etc. be complied with at the earliest.
- Legacy waste to be cleared especially on the slopes and timelines to be indicated.. Status of disposal of legacy waste at the identified locations in the State be provided before 30.06.2019.
- The charge of EO Solan is with Tehsildar, Solan who is very busy in his regular work. Alternate arrangement may be made.
- The dumping site at Salogra is being cleaned/ sieved by only 4 workers. This is inadequate. Funds may be provided to the MC Solan for hiring more workers.
- ULB wise Door to Door collection and segregation of waste to be geared up further and timelines fixed for achieving 100% coverage.
- ULB wise detail in single page with timelines on 18 points covering all aspects of solid waste management to be provided within a week.

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

- Rural Development has provided Rs. 1.82 Crore to the Forest Department for providing wire mesh/ grills/ chain link barriers protection, at vulnerable points from where solid waste can flow into the water bodies.
- Plans have been prepared by the panchayats and blocks for solid waste management.

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

- Progress of SWM in the Rural areas is not very satisfactory at present. Matter is required to be strongly pursued with Panchayats. The plans that have been prepared must be implemented with sincerity.
- Hot Spots of Solid Waste on National Highways e.g. Kandaghat, Darlaghat etc. to be cleared immediately.
- Explanation of BDO Kandaghat and of concerned Panchayat Pradhans may be called within a week in view of their failure to keep the market area of Kandaghat free of littering.
- Brief Action Plan for management of solid waste in rural areas to be submitted immediately.

#### **Forest Department:**

- Forest Department has submitted proposal of Rs. 182.05 lakh to Rural Development for fixing grills/wire mesh/barrier at the vulnerable points for preventing solid waste flowing to water bodies, cleaning of identified hotspots and ensuring that C&D and other Solid Waste is not dumped in forest areas,
- Work in 19 Nature Parks has either been completed or is being done by Forest department.
- In Mandi Circle 115 Meter long and 2.5 meter high mesh wire fencing is done near Bhadwari Khadd of Jogindernagar Forest Division.

- C- Shaped gabbian crate wire structure has been constructed at the stream of Jogri water falls and broad water fall on River Beas.
- 0.5 Hectare area near log huts Manali has been fenced by DFO Kullu.
- Plastic waste was removed in 11 circles during Polythene Hatao Paryavaran Bachao Abhiyan.
- It was stated that the Forest Department shall not object for setting up temporary composting pits using bamboo in land classified as Charagaha Bila Drakhtan in areas where land is not otherwise available such as Nagrota, Karsog, and Jogindernagar etc.

#### **Directions of Chairperson.**

- Forest Department to immediately start work w.r.t wire/mesh fencing on the embankment of rivers and provide details in next meeting..

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

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

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

- Report with hard figures w.r.t Action Taken i.e. inspections, Challans, etc. by Tourism Department be submitted by 17.06.2019.
- More action required against Dhabas & Restaurants.

#### **Health Department:**

- It was informed that there are 2499 non-bedded health care facilities and for solid waste management in these, deep burial pits have been made. Further, 386 bedded health care facilities are attached with Common Bio-Medical Treatment Facilities.
- The bar coding is being done in 11 institutions and the same is in progress in 32 institutions.
- For Management of Sanitary waste, Health Department apprised that directions have been issued by DHS to all the hospitals having at least 30 beds indoor to install incinerator through RKS funds. Till now 21 institutions have installed these incinerators and similar directions have been issued to all the medical, dental and paramedical colleges. Till now, 10 incinerators have been installed in three institutions namely IGMCM Shimla, SLBSGMC Nerchowk, and Dental College Shimla. A supply order of 42 more incinerators has been placed.

#### **Education Department:**

- Directions have been issued to Department of Education to install incinerators in all the +2 and government high schools. Rs. 3 Crore has been transferred from Department of Rural Development to Department of Education for the same. Till now incinerators have been installed in 73 colleges, 7 Government degree colleges and 39 GSSS.

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

- The Education Department is directed to ensure that Individual Action Plans of Schools for disposal of solid waste are prepared within 2-3 months.

### **Public Works Department:**

- Plastic Waste is being removed from roadsides throughout the State and dedicated teams of plastic removal workers have been deputed for this work. 2240.46 Kg of plastic has been collected zone wise.
- In the process of constructing plastic roads in the State, a portion of Tara- Devi Gumbarpul road of 3 Km has been awarded to contractor. The work is likely to be started after 15.06.2019 after receiving plastic from other zones of PWD.

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

- The PWD Department may also take the plastic being collected during special drives by Municipal Corporation, Shimla, Forest Department, etc.
- The PWD is to take necessary steps for screening off Kabariwala points along the Highways and hard figures may be provided by next meeting.

### **National Highway Authority of India:**

- The Representative of NHAI apprised that in MC Shimla area construction & demolition waste and muck have been dumped on National Highway. Complaints have been forwarded to MC Shimla many times.
- Mostly in the night, garbage disposal along roadside, raw material for construction unloaded/loaded on the road and in some areas dustbins are not being emptied on time leading to garbage being dumped outside the bins. There is no control on construction activities leading to blocked drains and damage being caused to the surface of road. Further, the cleaning and repairing of vehicles on road by centres/workshops is also a major issue.

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

- Regularly clean up the National Highways especially Parwanoo-Shimla and Mandi Kullu stretches.
- The NHAI may also take steps for screening off kabariwala points along the highways.
- Municipal Corporation Shimla to look into the matter of disposal of C&D waste on National Highways.
- The list of designated dumping sites to be provided by NHAI to SPCB.

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

- 8591 inspections have been conducted and 344 challans issued collecting Rs. 5,25,500/- in 2018-19 under Himachal Pradesh Non-Biodegradable Act, 1995.
- In 2019-20 (upto April 2019) 754 inspections have been conducted and 74 challans issued collecting Rs. 70,500/-

### *Directions of Chairperson :*

- Direct Beopar Mandals to cooperate w.r.t door to Door collection, segregation at source and for collection of user charges.

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

- A week long special drive to collect littered plastic waste with the objective to safely dispose off the same was launched all over the State with the assistance of District Administration. The Department of Environment, Science & Technology coordinated the entire programme. The IEC material was also prepared and released w.r.t. ill effects of use of Polythene bags.
- Over all 21.90 tonnes of plastic waste was collected in the State and about 6 tonnes of waste plastic has been handed over to HPPWD for Road Construction. During the campaign the illegal use of plastic carry bags was also checked and cases of violations were compounded under the HP Non biodegradable Act, 1995. It was also advised that CRRI technology be used for blacktopping the roads using plastic waste.
- Government of Himachal Pradesh (GoHP) through the Department of Environment, Science & Technology had decided to set up 10 demonstration Micro Municipal Solid Waste management facilities having capacity to dispose of approximately 0.50 tons to 5 tons of waste, to be installed at 8 (eight) different locations in Himachal Pradesh as pilot project on PPP mode.
- The proposed sites are:- i. Municipal Council Theog (Municipal Solid Waste =1.8 tons) ii. Nagar Panchayat Arki (Municipal Solid Waste =1.50 tons) iii. Nagar Panchayat Narkanda (Municipal Solid Waste = 0.80 tons) iv. Nagar Panchayat Kasol (Municipal Solid Waste=0.050 to 0.5 tons) v. Gram Panchayat, Dharampur, Solan (Municipal Solid Waste=0.50 to 1.5 tons) vi. Temple committee at Chintpurni Temple (Kitchen waste 50 to 200 kg/day) vii. Temple committee at Naina Devi Temple (Kitchen waste 50 to 200 kg/day) viii. Temple committee at Maa Balasundri Temple (Kitchen waste 50 to 200 kg/day). ix. Cluster Bamson (covering 11 Panchayats) at Hamirpur. (Municipal Solid Waste >1.5 tons) x. Cluster Bangana (covering 11 Panchayats) at Una (Municipal Solid Waste >1.5 tons)
- Land has been identified for disposal sites by concerned ULB. Bids were invited and received for seven locations. Technical bids have been evaluated. Financial bids have been opened and bid evaluation report is being submitted to AD for approval. Retendering for 3 locations has been done, tender notice issued in news papers.
- In Kufri all codal formalities have been done by Department for setting up of micro solid waste plant and matter is pending with SADA Kufri/ Revenue authorities for transfer of the land.

### *Directions of Chairperson:*

- The Department of Env. S&T and Pr. Secy (UD) to take action for banning of non-woven bags in the State as these are as bad for the environment as the polythene bags. Since these are non-biodegradable, these will also choke drains and water bodies

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

- The MS, Pollution Control Board intimated that Notices are being regularly issued to non-complying units/ ULBs. Prosecution Sanction has been sought against MC Chamba. Personal hearing of MC Kullu, Manali Banjar and Bhunter to be done by PCB shortly.

- Facilities for testing Compost in laboratories of PCB have been developed. However no compost sample has been received from any ULB till date.
- State Pollution Control Board has provided Rs. 7 Crore to UD and Rs. 3 Crore to BBNDA for management of Solid Waste.

**Directions of Chairperson :**

- Inventory of Solid Waste, Plastic Waste as pointed out by members of CPCB team during performance audit of PCB. PCB to develop detailed Action Plan for ULBs to make inventory.
- Pollution Control Board to take action against non- Complying Bulk Waste Generators after ULBs finalize the list of Bulk Waste Generators and notices are issued.

Proposal w.r.t Solid Waste Action Plan of Dharamshala and Fixing of Budgetary provision and timeline as per OA No. 968/2018 was perused and finalized.

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

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

Approved  
Chairperson  
State Level Committee (SLC)

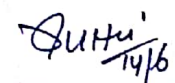
Endst. No. PCB/SLC/-

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Dated: 14-06-2019

Copy forwarded to:

1. The Spl. PS to the Chief Secretary, GoHP Shimla-171002.
2. The Additional Chief Secretary, (Health) to the Govt. of Himachal Pradesh.
3. The Addl. Chief Secretary (Env., Sci., & Tech.), GoHP Shimla-171002.
4. The Pr. Secretary, Urban Development, GoHP Shimla-171002.
5. The Secretary (RD & PR), Govt. of Himachal Pradesh.
6. The Director, Rural Development, Rural Development Department 27 SDA Complex, Kasumpti Shimla-171009
7. The Member Secretary, CPCB, New Delhi.
8. The Pr. CCF (HoFF), Forest Department, Shimla-171001.
9. The Municipal Commissioner, MC Shimla, the Mall, Shimla.
10. The Engineer-in-Chief, Public Works Department, Shimla-171001.
11. The Director, Health Services, Kasumpti, Shimla-171009.
12. The Director, Food and Civil Supplies, Below IT Bhawan, SDA Complex, Shimla-9.
13. The Director, Tourism, Govt. of Himachal Pradesh
14. The Director, ES&T, Shimla-171001.
15. The Director, Urban Development, Palika Bhawan, Talland, Shimla.
16. The Director, Higher Education, Shimla-171001.
17. The Director, Elementary Education, Shimla-171001.
18. The PIU, National Highway Authority of India, Rishikesh Sadan, Shanti Kutia, Boieluganj by Pass Road Shimla 171005.

  
Dr. R. K. Pruthi, IAS  
Member Secretary  
HPSPCB, Shimla