

ANNEXURE-I

Seven (7) thematic areas (District Environmental Plan, Lahaul)

| Sr. No. | Thematic areas/ Action areas | Purpose | Measureable Outcome till date. |
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| 1. | Waste Management Plan | | |
| a) | Solid Waste <u>IN R/O ULB'S</u> | | |
| | Formation of Ward Sanitation Committee | To keep vigil and educate people. | There is no ULB's in the District, however formation of ward sanitation committee shall be initiated in all Gram Panchayats. |
| | To make ULB's Large Dust Bin Free and to increase 100% door to door collection | Proper Collection and Segregation | There is approx.. 50% door to door garbage collection in SADA, Keylong. The dumpers provided for only dry waste collection and wet waste shall be use as manure in field as well as feed for cattle at individual level. |
| | Segregation at Collection Vehicle Level | Segregation | To be initiated in SADA, Keylong & Udaipur. |
| | Use of Sanitary Land Fills | Proper Disposal | There is no sanitary landfill site in district, however one MRF (Material Recover Facility) site is proposed at Sissu and is under approval. |
| | Material Recovery Facility | Recovery | One MRF (Material Recover Facility) site is identified at Sissu and is under approval. |
| | Reuse of flowers in making Dhoop & Agarbattis | Proper Use | No such industry exists in District and also there is no large scale use of flowers in the temples of district. |
| | Solid Waste <u>IN R/O RURAL AREAS</u> | | |
| | Reuse of Gobar (Dung) in making Bio Bricks/Flower Pots/Logs) | To be used in Funeral & as Fuel | 100% cow dung is being used as agriculture manure by the individuals. |
| | Agriculture Waste as Fuel or Compost | Fuel & Manure | There is minor agriculture waste generation in the area, which is used itself by degradation as manures in the fields. |
| | Cow Urine | Pesticide/Fertilizer | Initiated by the agriculture department used as a insecticide. |

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| | Zero waste management shed | Segregation of waste | One MRF (Material Recover Facility) site is identified at Sissu and is under approval yet. |
| | Making of soak pits for liquid waste | Control | Soak pits are constructed at household level by individuals. |
| b) | Plastic Waste | | |
| | PW Collection centers | Collection | One MRF (Material Recover Facility) site is identified at Sissu for collection of the PW & Solid Waste and a bottle shredder has been purchased by the SADA, Keylong to process the PW. |
| | Authorization of PW Pickers | Collection | To be initiated by SADA, Keylong & Udaipur. |
| | Linkage with NGO's/ECO Clubs | Awareness & Collection | Initiated. |
| | Use in Road Making | Disposal | To be initiated by PWD on pilot basis. |
| c) | C&D Waste | | |
| | Establishment of Deposition Points | Collection/Settlement | There is negligible quantity of C & D Waste generation in the region and the generated C & D Waste is used for filling by individuals. |
| | CD Waste Recycling Plant | Recycling | Not feasible for this region. |
| | Empty Cement Bags | prevents soil erosion/Retaining wall formation | The empty cement bags used in rope making and for domestic purpose by the individuals. |
| d) | Biomedical Waste | | |
| | CBWTF Facilities for each medical block | Proper & Regular Disposal | NO CBWTF is available in the region, however deep burial method adopted in the area. |
| | BAR CODE system | Effective disposal | As non of the CBWTF available in the area, so bar code system not adopted. |
| | Covering of Ayurvedic and Vet. Hospitals Under CBWTF | Proper Disposal | No HCF has been covered under CBWTF. |
| | Regular Inspection by HPSPCB | Proper Functioning | 35 No's of inspection carried out in FY 2020-21 and 27 No's of HCF (24 Allopathic & 03 Ayurvedic) has been authorized out of 121 NO's of HCF inventoried. |
| e) | Hazardous Waste | | |
| | Hazardous waste collection centre in each Industrial Area | Collection | There is only one no. of small industrial area, but not functional yet. |

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| | Transport Vehicle for HW in each industrial area | Disposal | NA |
| | HW Treatment Plant at Distt. Level | Collection | NA |
| | Implementation of bylaws | Proper function | The HOWMR, 2016 are being implemented. The Non- HW industries are approved as and when applications are received. |
| | Approval of Non HW Industries | Envl. Protection | |
| <i>f</i> | E-Waste Waste | | |
| | Toll free no. for collection | Collection | The disaster toll free no. i.e. 1077 shall be used for e-waste collection also. |
| | Collection centers | Collection | To be initiated by Panchayats. |
| | Authorization of EW Pickers | Collection | To be initiated by SADA, Keylong & Udaipur. Direction has been issued in meeting of DEP. |
| | Proper Disposal Centers | Disposal | SADA, Keylong & Udaipur directed to make agreement with TSDf for proper disposal of E - Waste. |
| | Mass Awareness | Awareness | Mass awareness campaign are being conducted by DRDA, SADA, Keylong. |
| 2. | Water Quality Management | | |
| | Mobile toilets for industrial areas | ODF | There is only one small industrial area, but not functional at present. |
| | Biodegradable Idols | Contamination Free | No such activity is carried out in the district. |
| | Worship Material Biodegradable | Contamination Free | No such activity is carried out in the area. |
| | Water Recharge Methods | Increase the UG Water Level | The district is a snow bound region and scantiest rain fall area, hence rain water recharge method is not feasible. |
| | Plantation | Rain & Increase the UG | To be initiated by forest department and also at school level in the month of July-August, 2021. |
| | Mass Awareness | Awareness about quality | There is no water polluting industry in the region. Hence there is no problem related to the water quality in the region. |

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| 3. | Domestic Sewage Management | | |
| | Need of Common STP's | Collection and Treatment | There is no common STP operational in the region, however one common STP is proposed in Keylong, which is under process yet. However, the concept of FSTP (Fecal Sludge Treatment Plant) shall be adopted on pilot basis in future. |
| 4. | Industrial Wastewater Management | | |
| | ETP Plants | Treatment | There is no ETP in the region. |
| | CETP | Treatment | NA, as there is no cluster of water polluting industry in the region. |
| 5. | Air Quality Management | | |
| | Up gradation of existing Air Pollution Control Systems | Reduction in air pollution. | Upgradation of existing APCD's shall be done as and when required. |
| | Direction to the industries for improving the conditions of APCDs and increase in vigilance | Reduction in air pollution. | Direction to improve shall be done as ad when required. |
| | Boiler Conversion into electrical or Gas Boiler | Prevents Air Pollution | There is no industry using boiler in the region. |
| | To increase height of Chimneys | Prevents Air Pollution | The height of the chimneys shall be done as and when required. |
| | Proper implementation of measures for Stone Crushers | Prevents Air Pollution | All operational have adopted the proper measures to control the pollution. |
| | Road Maintenance by Pavement etc. | Prevents Air Pollution | Road maintained by BRO and PWD. |
| | Ban on Garbage burning | Prevents Air Pollution | Complete ban on the garbage burning. |
| | Ban on burning of Agriculture Waste as Parali etc. | Prevents Air Pollution | No burning incidents observed, however small quantum of agriculture waste generated in the region, which is further used as manure in the fields. |
| 6. | Mining Activity Management | | |
| | Controlling Mining Activity | Initiated | Mining dept. has done 02 No's of Challan of illegal mining and further MO, Lahual directed to check illegal mining and penalize them if any violation found. |
| | Complaints against Mining | Nil | Nil |

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| | Pollution | | |
| 7. | Noise Pollution Management | | |
| | Ban on pressure horns | Prevents Noise Pollution | Implemented. |
| | Formation of Silent Zones | Prevents Noise Pollution | NA |
| | Sound Absorbers in Industries | Prevents Noise Pollution | NA |
| | Implementation of Bylaws | Prevents Noise Pollution | The Noise pollution control Rules, 2000 implemented. |
| | Formation of Green Muffler | Prevents Noise Pollution | As the area is snow bound and scantiest rain fall region and green muffler zone is not feasible. |
| | Proper Maintenance and service of Vehicular Engines | Prevents Noise Pollution | The RTO, Kullu has been directed to check proper maintenance and service of vehicular engines. |


Regional officer, HPSPCB, Kullu & Lahaul-cum-Member Secretary,
Distt. Environment Committee, L & S H.P.


Deputy Commissioner, Lahaul-cum-Chairman
Distt. Environment Committee, L & S, H.P.