

Inventory of Hazardous Waste Operational Units in Himachal Pradesh

(as on 31.03.2010)

| Sr. No. | Name of Area | No. of Units Inventorized | Closed | Unit Authorized/ Operational | Cases of Unit Under COE | Cases of Unit Under COP | Hazardous Waste Generation | | | | | |
|---------|--------------------|---------------------------|------------|------------------------------|-------------------------|-------------------------|-------------------------------|------------------------|-----------------------|----------------------------|-------------------|--------------------|
| | | | | | | | Used Oil (Lts/ year) | Empty Drums (No/ year) | ETP Sludge (Kg/ year) | Process Residue (Kg/ year) | Others (Kg/year) | |
| 1 | RO Baddi | 565 | 14 | 447 | 22 | 82 | 140980 | 52618 | 4138925 | 657193 | 285356 | |
| 2 | RO Barotiwala | 132 | 17 | 88 | 3 | 22 | 19315 | 17658 | 51222 | 20814 | 1855600 | |
| 3 | RO Nalagarh | 442 | 14 | 354 | 7 | 67 | 154779 | 137104 | 955778 | 756961 | 1102164 | |
| 4 | RO Parwanoo | 247 | 27 | 194 | 8 | 18 | 73089 | 18791 | 105187 | 10694 | 33648 | |
| 5 | RO Paonta Sahib | 487 | 25 | 371 | 31 | 60 | 49773 | 58243 | 16612835 | 403592 | 4927682 | |
| 6 | RO Una | 128 | 15 | 79 | 5 | 29 | 46100 | 625 | 143865 | 40360 | 4366271 | |
| 7 | RO Bilaspur | 29 | 0 | 23 | 3 | 3 | 24532 | 4 | 18770 | 0 | 600 | |
| 8 | RO Mandi | 38 | 4 | 35 | 0 | 0 | 81715 | 73 | 7400 | 0 | 4048 | |
| 9 | RO Kullu | 43 | 2 | 32 | 0 | 9 | 14354 | 0 | 42 | 3913 | 0 | |
| 10 | RO Jassur | 68 | 5 | 50 | 3 | 10 | 16270 | 1300 | 19542 | 153870 | 42132 | |
| 11 | RO Chamba | 11 | 3 | 7 | 0 | 1 | 3775 | 0 | 0 | 0 | 500 | |
| 12 | RO Shimla | 68 | 14 | 54 | 0 | 0 | 38178 | 0 | 1440 | 12 | 5880 | |
| 13 | RO Rampur | 19 | 5 | 12 | 0 | 2 | 51470 | 0 | 0 | 0 | 0 | |
| | Grand Total | 2278 | 145 | 1746 | 84 | 303 | 714510 | 286416 | 22055006 | 2047409 | 12623881 | |
| | | | | | | | Total Waste Generation | 714 KL/Y | 286416 Nos/Yr | 22055 MT/Y | 2047 MT/ Y | 12624 MT/ Y |

Total Hazardous Waste Generated in MT/ Year except Used Oil/ Waste Oil and Contaminated Containers = 36726 MT/ Year
Sludge Generated from Pulp & Paper Industry and Calcium Carbide Industry is being recycled/ reused

Nature of Hazardous Waste

| | | |
|----|----------------------|---|
| a) | Recyclable Waste | 1. 19019 MT/ Year (which includes 12282 MT/ Year of ETP Sludge of one paper industry and also other wastes like zinc bearing ash/ residue & waste residue of plastic units generated from other units). 2. Used Oil = 714KL/ Year 3. Contaminated Containers = 286416 Numbers/ Year |
| b) | Incinerable Waste | ~ 579 MT/ Year |
| c) | Disposal to Landfill | 1. 10767 MT/ Year to TSDF. 2. 6362 MT/ Year of Slag disposed in low lying area/ brick kiln/ road construction/ partly to TSDF. |

One TSDF Facility in the State is being operated by M/s Shivalik Solid Waste Management Ltd. at Village Majra, PO Dabhota, Tehsil Nalagarh, Distt. Solan (HP)