



HEAD OFFICE
Uttarakhand Pollution Control Board
"Gauri Devi Prayavaran Bhawan"
46B, I.T. Park, Sahastradhara Road, Dehra Dun

UKPCB/HO/ Gen-50 (IV)/ 2214-438;

Date: 31.07.2021

To,
The Chairman,
Central Pollution Control Board,
(Ministry of Environment and Forests),
Government of India, 'Parivesh Bhawan',
East Arjun Nagar, Delhi – 1100032

Sub:- Submission of Annual Report 2020-2021 on Solid Waste Management Rules, 2016 reg.

Sir,

With reference to the above mentioned subject, the Annual Report for the year 2020-2021 on Solid Waste Management Rules, 2016 is enclosed for your kind perusal please.

Enclosures: As above

Yours faithfully

(S.P. Subudhi) I.E.S.

Member Secretary

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Form-V
{See Rule 24(3) }

**FORMAT OF ANNUAL REPORT TO BE SUBMITTED BY THE STATE
POLLUTION CONTROL BOARD OR POLLUTION CONTROL COMMITTEE/
COMMITTEES TO THE CENTRAL POLLUTION CONTROL BOARD**

Part-A


To,

**The Chairman
Central Pollution Control Board
Parivesh Bhawan, East Arjun Nagar
DELHI- 110 0032**

1	Name of the State/ Union Territory	:	Uttrakhand
2	Name & address of the State Pollution Control	:	Uttrakhand Environment Protection and Pollution control Board, Gaura devi Paryavaran Bhawan, 46-B, I.T. Park, SIDCUL, Sahastradhara Road, Dehradun, Uttakhand, 248001
3	Number of local bodies responsible for management of solid waste in the State/ Union Territory under these rules	:	91 ULBs 9 Cantonment Board
4	No. of authorization application Received	:	09 (08 ULBs, 01Cantonment Board)
5	A Summary Statement on progress made by local body in respect of Solid waste management	:	attach as Annexure-I
6	A Summary Statement on progress made by local bodies in respect of waste collection, segregation, transportation and disposal	:	attach as Annexure-II
7	A Summary statement on progress made by local bodies in respect of implementation of Schedule-II	:	attach as Annexure-III

Dated:

Place:


**Chairman or The Member Secretary
State Pollution Control Board/
Pollution Control Committee**





PART- B

Towns/Cities -

91

Total number of towns/cities -

91

Total number of ULBs -

08 Class I, 83 Towns

Number of class I & class II cities/ towns

Authorization status (names/number)

Number of applications received -

09 (08 ULBs and 01 cantonment board)

Number of authorizations granted -

-

Authorization under scrutiny -

09

SOLID WASTE Generation status

Solid waste generation in the state (TPD) -

1458.457 ton/day

Collected -

1378.987 ton/day

Treated -

779.85 ton/day

Landfilled-

Compliance to Schedule I of SW Rules (Number/ names of towns/ capacity)

Good practices in cities/ towns -

Dehradun, Haridwar

House-to-house collection -

Out of total 1139 wards, Door to Door waste collection is initiated in all 1139 wards. (100% achievement)

Segregation -

Source segregation of waste is being carried out in 792 wards.

Storage -

Nagar Nigam Dehradun and Haridwar having storage area while others ULBs having temporary storage area.

Covered transportation -

Partially compliance

Processing of SW (Number/ names of towns/capacity)

Solid Waste processing facilities setup:

SL.No.	Composting	Vermi-composting	Biogas	RDF/Pelletization
1- Dehradun	Installed capacity 300 MTD (waste process)			
2- Haridwar	Installed capacity 250 MTD (waste process)			

Processing facility operational:

SL.No.	Composting	Vermi-composting	Biogas	RDF/Pelletization
1-Dehradun	20 T/day	-	-	-
2- Haridwar	50 T/day			

Waste-to-Energy Plants: (Number/names of town/capacity)

SL. No.	Plant location	Status of operation	Power generation (MW)	Remarks
1.	Dehradun	-	-	Proposed waste to energy plant in Dehradun.
2.	Haridwar		5 M Watt	Waste to energy plant is proposed, Roorkee utilize the RDF (Refused Derived Fuel) of nearby town.

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Disposal of solid waste (number/names of towns/ capacity):

Landfill sites identified -

1. 48 ULB's have procured land (covering 73 ULB's).
2. 5 ULB's have arranged/procured land on rent.
3. 01 cluster covering 02 ULB's and 08 stand alone ULB's have identified forest land and they are in process of land transfer.
4. 03 ULB's have identified revenue land, they are process of procurement.

Landfill constructed -

02 sites constructed (Nagar Nigam Dehradun & Nagar Nigam Haridwar)

Landfill under construction -

Landfill in operation -

02 sites in operation (Nagar Nigam Dehradun & Nagar Nigam Haridwar)

Landfill exhausted -

Nil

Landfill capped -

Nil

Solid Waste Dumpsites (number/ names of towns/capacity): - Annexure -IV

Total number of existing dumpsites - 34

Dumpsites reclaimed/ capped - Nil

Dumpsites converted to sanitary landfill- Nil

Monitoring at Waste processing/ Landfills sites

Sl.No.	Name of facilities	Ambient air	Ground water	Leach ate quality	Compost quality	VOCs
1.	Nagar Nigam Dehradun	Yes	Yes	Yes	-	-
2.	Nagar Nigam Haridwar	-	Yes	-	-	-

Status of Action Plan prepared by Municipalities

Total number of municipalities - 91 ULB

- Number of Action Plan submitted -
- 01 solid waste management project is covering 07 ULBs is in process of approval.
 - 23 DPR covering 24 ULBs approved by Government of India.
 - 33 DPR covering 39 ULBs approved by Government of India.
 - DPR of 7 ULBs approved.
 - 03 DPR covering 11 ULBs are approved by Government of India.
 - 02 DPR covering 02 ULBs are prepared and in process of approval at State level.
 - 01 DPR covering 01 ULB is under preparation.

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ACCIDENT REPORTING

Dated:
Place:

Signature:
Designation:

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A summary statement on progress made by local body in respect of solid waste management

Total 91 ULB's in the State

1. 48 ULB's have procured land (covering 73 ULB's)
2. 5 ULB's have arranged/procured land on rent.
3. 01 cluster covering 02 ULBs and 08 stand alone ULB's have identified forest land and they are in process of land transfer.
4. 03 ULB's have identified revenue land, they are process of procurement.

$73+05+02+08+03 = 91$ ULBs

DPR Status

- 01 solid waste management project is covering 07 ULBs is in process of approval.
- 23 DPR covering 24 ULBs approved by Government of India.
- 33 DPR covering 39 ULBs approved by Government of India.
- DPR of 7 ULBs approved.
- 03 DPR covering 11 ULBs are approved by Government of India.
- 02 DPR covering 02 ULBs are prepared and in process of approval at State level.
- 01 DPR covering 01 ULB is under preparation.

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Summary Statement on progress made by local bodies in respect of waste collection, segregation, transportation and disposal.

- As inform by Urban Development directorate-

Door to door collection and segregation

1. Total 1139 wards in 91 ULBs as pre report given by Directorate.
2. Out of total 1139 wards, door to door collection is being done in all 1139 wards (100% achievement).
3. Source segregation is being done in 792 wards (69.5% achievement).
4. Out of 91 ULB's source segregation 100% is being done in 60 ULBs.
5. ULBs have procured transportation vehicle with cover and having separate compartment for segregated waste.
6. New GPS enabled vehicle are being used for collection and transportation of municipal waste.

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**A Summary Statement on progress made by local bodies in respect of
implementation of schedule-II**

1. Two waste processing and disposal facilities at Dehradun (Sheesham bada) and Haridwar (Sarai) are in operation and both the facilities have already received CTE and CCA from the board.
2. Dehradun waste processing plant has an installed capacity of 300 Ton/day, along with Dehradun solid waste, this facility is also processing solid waste of nearby 03 ULBs i.e. mussorie (18 Ton/day), Vikasnagar (10Ton/day) and Harbartpur (3 Ton/day).
3. Haridwar waste processing plant has an installed capacity of 250 Ton/day waste of Nagar Nigam, Haridwar is being processed there.
4. Dehradun waste processing plant operated by Dehradun Waste Management Pvt. Ltd., ground water analysis and Ambient Air Quality Monitoring of processing facility is done. Processing facility having LTP (lethate treatment plant) of 30 KLD capacity, average lechate generation is approx 3-4KLD.
5. One material recovery facility (05 Ton per day) capacity is functional at Dehradun and further 03 more material recovery facilities are in process of establishment.
6. 05 megawatt "Waste to Energy Plant" is proposed at Roorkee to utilize the RDF of nearby town.
7. Onsite composting is being done in 220 Govt. Colonies, 17370 Households, 1822 no. of shops & at 50 no. of bulk waste generator. As per data in MIS, total numbers of composting pits in 91 ULBs are 740.

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Annex - 4

Details Related to "Legacy Waste/ Old Dump Site" DPR Status						
S. No	Name of District	Name of ULB	Quantity of legacy waste	Place at where legacy waste is present	Remark / Letter Status	Fund Required
No Legacy Waste						
1	Almora	Bhikyasain	No Legacy waste	0	No Legacy waste	
2	Almora	Dwarahat	No Legacy waste	0	No Legacy waste	
3	Almora	Ranikhet	No Legacy waste	0	No Legacy waste	
4	Bageshwar	Bageshwar	20 -25 ton	At Malta	No Legacy waste	
5	Bageshwar	Kapkot	No Legacy waste	0	No Legacy waste	
6	Chamoli	Badrinathpuri	10-20 Ton	At Kanchanchanga trenching ground	No Legacy waste	
7	Chamoli	Chamoli Gopeshwar	No Legacy waste	0	No Legacy waste	
8	Chamoli	Nandprayag	No Legacy waste	0	No Legacy waste	
9	Chamoli	Pipalkoti	No Legacy waste	0	No Legacy waste	
10	Chamoli	Pokhari	No Legacy waste	0	No Legacy waste	
11	Chamoli	Tharali	No Legacy waste	0	No Legacy waste	
12	Champawat	Banbasa	No Legacy waste	0	No Legacy waste	
13	Champawat	Champawat	No Legacy waste	0	No Legacy waste	
14	Champawat	Lohaghat	No Legacy waste	0	No Legacy waste	
15	Champawat	Tanakpur	No Legacy waste	0	No Legacy waste	
16	Dehradun	Herbertpur	No Legacy waste	0	No Legacy waste	
17	Dehradun	Vikasnagar	No Legacy waste	0	No Legacy waste	
18	Pauri	Dogadda	No Legacy waste	--	No Legacy waste	
19	Pauri	Pauri	No Legacy waste	0	No Legacy waste	
20	Pauri	Satpuli	No Legacy waste	0	No Legacy waste	
21	Pauri	Swargashram Jonk	No Legacy waste	Vill Puchari , Ramnagar	No Legacy waste	
22	Haridwar	Bhagwanpur	No Legacy waste	0	No Legacy waste	
23	Haridwar	Laksar	No Legacy waste	0	No Legacy waste	
24	Haridwar	Shivalik Nagar	No Legacy waste	0	No Legacy waste	
25	Nainital	Bhimtal	No Legacy waste	0	No Legacy waste	
26	Nainital	Bhowali	No Legacy waste	0	No Legacy waste	
27	Nainital	Kaladhungi	No Legacy waste	0	No Legacy waste	
28	Nainital	Lalkuan	No Legacy waste	0	No Legacy waste	

29	Nainital	Nainital	No Legacy waste	0	No Legacy waste	
30	Pithoragarh	Dharchula	No Legacy waste	0	No Legacy waste	
31	Pithoragarh	Didihat	No Legacy waste	0	No Legacy waste	
32	Rudraprayag	Augustmuni	No Legacy waste	0	No Legacy waste	
33	Rudraprayag	Kedarnath	No Legacy waste	0	No Legacy waste	
34	Rudraprayag	Rudraprayag	200 M T	--	No Legacy waste	
35	Rudraprayag	Tilwara	No Legacy waste	0	No Legacy waste	
36	Rudraprayag	Ukhimath	No Legacy waste	0	No Legacy waste	
37	Tehri	Chamiyala	No Legacy waste	0	No Legacy waste	
38	Tehri	Devprayag	No Legacy waste	0	No Legacy waste	
39	Tehri	GAJA	No Legacy waste	0	No Legacy waste	
40	Tehri	Kirtinagar	No Legacy waste	0	No Legacy waste	
41	Tehri	Lambgaon	No Legacy waste	0	No Legacy waste	
42	Tehri	Narendranagar	No Legacy waste	0	No Legacy waste	
43	Tehri	Tehri	No Legacy waste	0	No Legacy waste	
44	US Nagar	Bazpur	No Legacy waste	0	No Legacy waste	
45	US Nagar	Gadarpur	No Legacy waste	0	No Legacy waste	
46	US Nagar	Gularbhoj	No Legacy waste	0	No Legacy waste	
47	US Nagar	Jasipur	No Legacy waste	0	No Legacy waste	
48	US Nagar	Kela Khera	No Legacy waste	0	No Legacy waste	
49	US Nagar	Khatima	No Legacy waste	0	No Legacy waste	
50	US Nagar	Kichha	No Legacy waste	0	No Legacy waste	
51	US Nagar	Mahua Dabra	No Legacy waste	0	No Legacy waste	
52	US Nagar	Mahua Kheraganj	No Legacy waste	0	No Legacy waste	
53	US Nagar	Nanakmatta	No Legacy waste	0	No Legacy waste	
54	US Nagar	Shaktigarh	No Legacy waste	0	No Legacy waste	
55	Uttarkashi	Chinyalisaur	No Legacy waste	0	No Legacy waste	
56	Uttarkashi	Gangotri	No Legacy waste	0	No Legacy waste	
57	Uttarkashi	Naugaon	No Legacy waste	0	No Legacy waste	
In Process of Tendering/Procurement						
1	Dehradun	Rishikesh	271915	Govind Nagar, Haridwar Road	(10.84 Cr.) DPR prepared, approved, RFP floated.	

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2	Dehradun	Doiwala	700	In subhash Nagar	Process of Procurement of "Bio Remediation Machine" initiated.	
Work In Progress						
1	Pauri	Kotdwara	14000	Near Khoh River	(3.2 Cr.) DPR Prepared, Bio Remediation Machine procured.	0.56
2	US Nagar	Rudrapur	50000	On Kichha Road	Legacy Waste remediation work has been initiated by ULB itself	
3	Uttarkashi	Uttarkashi	3000	Tambakhani	In process of procurement of machine, (0.12 Cr.) DPR proposed	
4	Tehri	Muni Ki Reti	109500	Kharasrot	Bio Remediation initiated through machine.	
5	Pauri	Srinagar	13900	New Bus Adda	Legacy Waste remediation work has been initiated using bio remediation machine	
Work Started/Proposed by ULB from own sources						
1	Chamoli	Gochar	45 Ton	Ward-3 Below NH	Proposal of Bio Remediation Machine, from board approved, In process of procurement.	
2	Chamoli	Karnaprayag	40 Ton	Main Gochar Road	Machine of Gochar is proposed to be used.	
3	Uttarkashi	Barkot	2000 cu. m.	Tiladi road	Will process by Trommel and conveyors of Machine Muni ki reti	
DPR prepared & submitted to GoUK for approval, Total Fund Required - 22.51 Cr						
1	Haridwar	Roorkee	160873	Saliyar	(10.91 Cr.) DPR Prepared, sent to Govt for approval.	5.14
2	Haridwar	Hardwar	282538	Chandighat	(19.66 Cr.) DPR prepared, sent to Govt for approval.	9.02
			250400	Sarai Dumping	(6.96 Cr.) DPR prepared., sent to Govt for approval.	7.99
3		Mussoorie	1000	Gadikhana	Under Consideration form Hon'ble CM Ghoshna, approved by Secretary, UD. 25% by ULB and 75 % by MDDA.	

DPR Prepared , Total Fund Required - 67.8Cr

1	US Nagar	Kashipur	18000 .	--	(7.07 Cr.) DPR Prepared	7.07
2	Dehradun	Dehradun	623685	Danda lakhod	Meeting held in Chairmanship of Secretary Urban Development, Uttarakhand and directions issued vide Letter No. 388/ IV(3)- 2020- 12 (8 SWM) 19, Dt 20-2-2020. Following decisions were taken: 1- Legacy Waste dump site of Dehradun shall be remediated/ treated with the Financial and Technical support of UUSDA (ADB Funded Project) of Urban Development. Note: UUSDA- Uttarakhand Urban Sector Development Agency; ADB- Asian Development Bank, (DPR Proposed - 42.47 Cr.)	42.47
3	Nainital	Haldwani	259728	Gaula Roukhad	(18.26 Cr.) DPR Prepared	18.26
Waste very less in Quantity						
1	Pithoragarh	Berinag	10	at Pusa Pastola road	Didn't measured because waste at Hill (Little bit Visible)	
2	Nainital	Ramnagar	600	Puchadi samsanghat road	Legacy waste and waste processing plant are very near to each other so Will manage LW by DPR, because of very low quantity	
3	Tehri	Ghansali	202.5	at Chamiyala road	Area= 9*5m and 15 feet deep	
4		Joshimath	200	--	Recyclables seperated and disposed.	
5		Almora	667	At Baldhoti,	In process of removal/ remediation. Waste Volume -	

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					(20*10*10)= 2000 cu.m.	
6	Chamoli	Gairsain	700	Salyada ward-1 Near Dhol Damau Kendra	waste area = 20*10*3.5 = 700 Cu. M	
Action Not Initiated-Total Fund Required- 0.32 Cr						
1	Haridwar	Piran kaliyar	14580	At Rahmatpur Road, Piran Kaliyar	Area= 0.81 Hac , 6 feet= 1.8m	
2	Tehri	Chamba	4000	On steep slope.	Dry waste 50% seperated. (0.16 Cr.), DPR Proposed	0.16
3	Pithoragarh	Gangolihat	4000	Near Government IC on NH on 309A	Dry waste has been seperated and sold, park development proposed. (0.16 Cr.) DPR Proposed	0.16
4		Sultanpur Patti	3000	At trenching ground sultanpur	Tender at 1 august 2020, Also started processing of the LW	
5		Jhabrera	20,000	Manglor road	Will send to Waste to Roorkee waste to energy Plant	
6	Haridwar	Landhaura	400	Near Trenching ground of Landaure	Will send to Waste to Roorkee waste to energy Plant	
Waste Not Measured						
1	Haridwar	Manglore	It's Measurement is in process	Tanda Bhaneda Road Pond	Not measured yet	
2	Uttarkashi	Purola	Not measured yet	At Km1 mori road	Not measured yet	
3	US Nagar	Sitarganj	--	Near Trenching ground of Sitarganj	Not measured yet	
4	Almora	Chaukhutiya	--	--	Not measured yet	
5	Pithoragarh	Pithoragarh	--	AT nainipatal	Not measured because waste is at Hill, will manage it Through DPR. (Area - 0.750 hac, 50 m deep)	
6	US Nagar	Dineshpur	--	--	Not Measure d	
Total Fund Required (In Cr.)						90.83

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