

**Personal Appearance of Chief Secretary, Punjab before Hon'ble NGT
on 22.09.2022 in**

O.A No. 606/2018 titled as

**“Compliance of Municipal Solid Waste Management Rules, 2016 &
Other Environmental issues.”**

In compliance of various orders of NGT issued in OA No. 673/2018, 138 & 139/2016, 681/2018, 606/2018, 1038/2018, 593/2017 and 325/2015,



The State Govt. had prepared following 47 Action Plans

- A. 4 Action Plans to Clean River Sutlej, Beas, Ghaggar & Holy Bein
- B. Action Plan for Re-use of Treated Waste Water
- C. Action Plan on Rejuvenation of Water Bodies
- D. 9 Action Plans to achieve desired ambient Air Quality in 9 Non-Attainment Cities
(Mandi Gobindgarh, Khanna, Ludhiana, Jalandhar, Amritsar, Patiala, Dera Bassi, Dera Baba Nanak, Naya Nangal)
- E. Action Plan on Control of Stubble Burning
- F. Action Plan to control Noise Pollution
- G. 4 Action Plans on Waste Management
(Municipal Solid Waste, Plastic Waste, Bio-medical Waste, Hazardous Waste)
- E. 3 Action Plans on critically/severely polluted Industrial Clusters (Ludhiana, Jalandhar & Batala)
- F. 23 District Environment Plans

Solid Waste Management

A	Solid Waste generation (Wet Waste – 2460 TPD + Dry Waste – 1640 TPD)	4100 Tons/day (166 ULBs)
B	Door to Door Collection & Transportation (8341 Tricycle & 1409 vehicles)	99 % (remaining by Sept., 22)
C	Segregation of Waste at Source	84 % (remaining by March, 23)
D	Processing of Wet Waste (1000 TPD through 8203 Aerobic Compost Pits + 800 TPD Central Compost Facility at Ludhiana + 200 TPD Compost Facility at Bathinda + Onsite Composting of Horticulture Waste in 2423 Parks) All ULBs Action Plans prepared & approved and funds tied up under SBM-Urban	2050 TPD (83 %) (remaining by March, 23) Compost meets quality norms & sold to citizens and distributed free to farmers
E	Processing of Dry Waste (265 Material Recovery Facilities)	1025 TPD (62.5 %)
F	Waste processed (Wet Waste – 2050 TPD + Dry Waste – 1025 TPD)	3075 Tons/day (75%) (remaining by March, 23)
G	Waste being deposited on landfill	1025 Tons/day (25%)
H	Setting up of Sanitary Landfill Sites	Setup in 35 ULBs and under construction in 25 ULBs (remaining by March., 2023)

Legacy Waste data

Sr. No.	Description	Details
a)	Qty of waste accumulated	63.66 Lakh MT
b)	Total area of 152 Dumping Sites	484.49 Acres
c)	Qty of Waste Remediated	6.72 Lakh MT (26 ULBs completed remediation and work is under progress in 126 ULBs, MC, Ludhiana issued work order)
d)	Status of Funds	Action Plan to remediate 56.94 Lakh MT already prepared & approved and funds tied up under SBM-Urban
e)	Timelines for Remediation of Old Dump sites	146 ULBs (Pop.<10 Lakh) with 148 Dumpsites– 114 ULBs by 31.12.2022 21 ULBs by 31.03.2023 2 ULBs (Ldh. & Asr.) (Pop.>10 Lakh) – 4 Dumpsites by 31.03.24

Sewage Management

Sr. No.	Description	Details
a)	Total Sewage generation.	2128 MLD (166 ULBs)
b)	No. of Existing STPs	132 No (1786 MLD)
c)	Capacity Utilization	80 %
d)	Gap in Sewage Treatment	570 MLD
e)	No. of Proposed STPs (Funds of Rs. 1055 Cr for 54 Towns tied up under SBM-2.0 with 50:50 share of Gol & GoP) (Funds of Rs. 1833 Cr allocated for 2 Towns under AMRUT-2.0 with 33:67 share of Gol & GoP)	111 No. (784.95 MLD) Under Construction - 52 STPs (606.95 MLD) Under Planning (DPR/Tender) – 59 STPs (178.9 MLD)
f)	Timelines	23 STPs (425.85 MLD) by 31.03.2023 64 STPs (258.8 MLD) by 31.12.2023 24 STPs (100.20 MLD) – Land acquisition under process

Reuse of Treated Waste Water

- A revised Action Plan for Reuse of Treated Wastewater has been submitted to CPCB/NGT on 30.06.20 in compliance of NGT Order dated 21.05.20 in O.A. No. 593/2017 read with O.A. No. 148/2016.
- The current status is:

Sr. No	No. of STPs	Reuse of Treated Water (MLD)	Remarks
Reuse of wastewater for irrigation purposes			
1	57 STPs	305 MLD	Out of 132 existing STPs, treated waste water of 57 STPs being reused having command area of 8326.8 Hectares. Work in 7 projects under execution and would be commissioned by 31.12.22.
Reuse of treated wastewater for other purposes			
1	90 KLD of treated wastewater used for water sprinkling of around 85 km of road length to control dust emissions.		

Plastic Waste Management

- Plastic Waste generation @7% of Municipal Waste-104755 MT/annum
- Total Plastic Waste processed through Junk Dealers/ Waste Collectors and by 2 Agencies-31426 MT/annum
- EoI floated for engagement for more agencies (last date is 30.09.2022)
- Plastic waste being used by Punjab Mandi Board & PWD (B&R) in road construction.
- Utilisation of Plastic in construction of Municipal Roads is under process.
- Plastic Waste Management Society collected & processed 7270 MT of Multi layered plastic (MLP) and Other Agencies processed 22458 MT of MLP during 2021-22.

C&D Waste Management

- Total C&D waste generation – 87600 Tons/annum
- 130 Micro units have been setup
- 100 TPD Plant commissioned in MC, Jalandhar
- 100 TPD Plant under construction in MC, Amritsar & Ludhiana each
- Funds tied up under SBM-Urban.

District Environment Plan

- The State has submitted the District Environment Plans (DEPs) of all the Districts to CPCB in Nov., 21.
- The updated DEPs of all the Districts have been submitted to NGT Monitoring Committee in Sept., 22.
- The District Environment Committees setup in all the Districts under the Chairmanship of Deputy Commissioners have conducted regular meetings with details as under:
 - i. 21 Meetings in May 22
 - ii. 15 Meetings in June 22
 - iii. 17 Meetings in July 22
 - iv. 20 Meetings in Aug., 22

Budha Nallah Project



Sr. No.	Description	Details
1	Total Discharge into Budha Nallah	755 MLD (Domestic-612 MLD + Dairy-6 MLD + Industrial-137 MLD)
2	Sewage Management	
a)	225 MLD STP at Jamalpur	74 % Completed (Remaining by 31.12.2022)
b)	60 MLD STP at Balloke	24 % Completed (Remining by 30.06.2023)
c)	Rehabilitation of 111 MLD STP at Bhattian	74 % Completed (Remaining by 31.12.2022)
d)	Rehabilitation of 152 MLD STP at Balloke	21 % Completed (Remaining by 30.06.2023)
e)	Repair of 50 MLD STP & 105 MLD STP at Bhattian & Balloke	Under Trial Run
3	Dairy Waste Management	
a)	Compressed Bio Gas Plant at Haibowal Dairy Complex	Processing 180 TPD of Cow dung against installed capacity of 235 TPD
b)	Bio CBG Plant at Tajpur Dairy Complex, Ludhiana	Will Process 300 TPD of Cow dung (work awarded on 22.07.2022 and to be completed by Nov., 2024)
c)	CETPs for Tajpur & Haibowal Dairy Complex (2.25 MLD & 3.75 MLD)	Under Construction- to be completed by 30.06.2023
4	Industrial Waste Management	3 CETPs of 105 MLD capacity for textile dyeing textile effluent made operational

THANKS