

PUNJAB POLLUTION CONTROL BOARD

Regional Office, Bathinda

(DISTRICT ADMINISTRATIVE COMPLEX, ROOM NO. 401 E - 403 E, 406E & 418 E, 3RD FLOOR)

E-mail: eerobti@yahoo.in

Ref No... 1467

Dated 5/5/2022


To

1. Senior Superintendent of Police, Mansa
2. Additional Deputy Commissioner(Rural Development), Mansa
3. Additional Deputy Commissioner(Urban Development), Mansa
4. District Development & Panchayat Officer, Mansa
5. Chief Administrator, Bathinda Development Authority, Bathinda
6. Civil Surgeon, Mansa
7. Executive Engineer, PWSSD, Division no. 1, Vill. Jawaharke Water Works, Distt. Mansa
8. Executive Engineer, PWSSD, Division no. 2, Bachat Bhawan, Mansa
9. Executive Engineer, Drainage Department, Zila Prishad Complex, Mansa
Division, Main Water Works, Mansa
10. Executive Engineer, Panchayti Raj, Zila Prishad Complex, Mansa
11. Executive Engineer, Punjab Water Supply & Sewerage Board, Mansa.
12. Executive Engineer, Canals, Mansa.
13. District Controller, Food, Civil Supplies and Consumer Affairs, Mansa
14. Executive Engineer, Soil & Water Conservation Department, Room no. 73-74, 3rd Floor,
DC Complex, Mansa
15. Executive Officer, Nagar Council, Mansa, Budhlada, Bareta, Bhikhi, Sardulgarh, Boha and
Joga
16. Block Development and Panchayat Officer, Mansa, Budhlada, Sardulgarh, Bhikhi and
Jhunir

Sub: - Proceedings of the review meeting held under the Chairmanship of Deputy Commissioner, Mansa on 13.04.2022 at Conference Hall, District Administrative Complex, Mansa to discuss the decisions taken by NGT Monitoring Committee in meeting dated 04.04.2022 taken with the District level officials of various departments at Bachat Bhawan, Mansa.

Enclosed, please find herewith proceedings of the review meeting held under the Chairmanship of Deputy Commissioner, Mansa on 13.04.2022 at Conference Hall, District Administrative Complex, Mansa to discuss the decisions taken by NGT Monitoring Committee in meeting dated 04.04.2022 taken with the District level officials of various departments at Bachat Bhawan, Mansa for kind information and for compliance of the decisions.

DA/ As above.



04/05
Environmental Engineer
Regional Office, Bathinda

Endst. No. 1467

Dated: 5/5/2022

A copy of the above is forwarded to the Chairman, Monitoring Committee formed by Hon'ble NGT in compliance to meeting dated 04.04.2022 for the kind information please.

DA/ As above.



04/05
Environmental Engineer
Regional Office, Bathinda

Endst. No. 1468

Dated: 5/5/2022

A copy of the above is forwarded to PA to Deputy Commissioner, Mansa for the kind information of Hon'ble Deputy Commissioner, Mansa please.

DA/ As above.


04/05
Environmental Engineer
Regional Office, Bathinda

Subject: - Proceedings of review meeting held under the Chairmanship of Deputy Commissioner Mansa on 13.04.2022 at Conference Hall, District Administrative Complex, Mansa to discuss the decisions taken by the NGT Monitoring Committee in meeting dated 04.04.2022 taken with the district level officials of various department at Bachat Bhawan, Mansa.

List of officials present in meeting is attached herewith as Annexure-1

At the outset, the Environmental Engineer, Punjab Pollution Control Board, Regional Office, Bathinda welcomed the Members of the District Environment Committee. Thereafter, he apprised that in compliance to the orders dated 08.02.2022 passed by the Hon'ble National Green Tribunal, New Delhi in OA no. 360 of 2018 in the matter of Shree Nath Sharma Vs Union of India & Others, District Environment Plan of district Mansa has been prepared w.r.t. various environmental issues of the area and submitted to the Govt. on 22.11.2021. The Monitoring Committee, constituted by the Hon'ble National Green Tribunal, New Delhi in OA No. 360 of 2018, visited the area of district Mansa on 04.04.2022 and took a meeting with the District Level Officers to review the action taken on the activities as mentioned in the District Environment Plan for District Mansa and thereafter, visited the solid waste management sites of District Mansa. Further, the Monitoring Committee vides letter no. CMC/2022/874 dated 05.04.2022 has conveyed the minutes of the meeting & visit dated 04.04.2022. The present meeting is scheduled to review and discuss the decisions taken by the NGT Monitoring Committee.

The Assistant Environmental Engineer, Punjab Pollution Control Board apprised that the major environmental issues related to the District Mansa are Municipal Solid Waste Management, Plastic Waste Management, Sewage Treatment and Disposal of treated/untreated domestic waste water of various towns into river Ghaggar either directly or indirectly through drains. He also apprised that there are 7 ULB's in District Mansa which include 03 Municipal Councils i.e Mansa, Budhlada & Baretta and 04 Nagar Panchayats i.e Bhikhi, Sardulgarh, Boha and Joga. For treatment of domestic waste water of these town, only 05 ULB's i.e Mansa, Budhladha, Baretta, Bhikhi and Sardulgarh have installed sewage treatment plant. However, STP of Nagar Panchayat Boha is under construction and Nagar Panchayat, Joga has not yet started the construction of STP. No treated waste water irrigation scheme has been finalized by any of the authorities concerned.

Further, the point-wise detail of the timelines for completion of various activities as mentioned in the District Environment Plan, status report given by the various departments and decisions taken by the Deputy Commissioner, Mansa are as under:

Part-1-Solid Waste Management:

Timelines to complete the various activities and prescribed authority w.r.t solid waste management is as under:

Sr. No.	Activity	Prescribed Timeline	Responsible Authority
1.1	Segregation of Solid Waste	30.06.2022	EO's of ULB's

1.2	Arrangement for D2D collection	30.06.2022	EO's of ULB's
1.3	Waste collection Trolleys with separate compartments	30.06.2022	EO's of ULB's
1.4	Mini Collection trucks with separate compartments	30.06.2022	EO's of ULB's
1.5	Waste deposition centres	30.06.2022	EO's of ULB's
1.6	Waste treatment and disposal (wet waste management: on site composting by Bulk Waste Generators)	30.06.2022	EO's of ULB's
1.7	Wet waste management: Composting of wet waste	30.06.2022	EO's of ULB's
1.8	Dry waste management: Material recovery facilities(MRF's)	30.06.2022	EO's of ULB's
1.9	Disposal of inert and non-recyclable wastes: sanitary landfill	30.06.2022	EO's of ULB's
1.10	Remediation of historic/legacy dump sites	30.06.2022	EO's of ULB's
1.11	Provision of greenbelt and boundary wall around legacy waste dump site	30.06.2022	EO's of ULB's
1.12	Action plan for treatment of leachate generated from legacy waste dump site	30.06.2022	EO's of ULB's
1.13	CCTV cameras and piezometer to be installed at solid waste dump sites	30.06.2022	EO's of ULB's
1.14	Carcass should be utilized by adopting rendering process or incineration and priority may be given to carcass utilization plant	30.06.2022	EO's of ULB's and DDPO
1.15	Management of wastewater and solid waste by the unauthorized colonies /residential complex/ commercial complex developed by the private colonizers	30.09.2022	EO's in ULB's and PUDA outside MC limits

AEE, PPCB informed that the main concern of the monitoring committee was poor management of solid waste i.e. improper segregation/ collection and processing of the solid waste in all the ULB's. Most of the ULB's have identified SLF as the legacy waste sites. Status of various activities w.r.t solid waste management by each ULB and report given by Executive Officers/Officers present in meeting is as under:

M.C. Mansa

It was proposed to develop 5 no. MRF's out of which 4 have been developed and operational further the wet waste compost pits are also less in number than the required number of pits. The ULB has 02 legacy waste dump sites, one at village Ramdittewala and 2nd near Dera Bhai Gurdass. The ULB has not yet started the treatment of the legacy waste. The legacy waste site at Dera Bhai Gurdass is not having boundary wall and CCTV Cameras and piezometers have not been installed at both sites. He also informed that at present no suitable sanitary landfill site (SLF) has been identified. ULB has 8 numbers of the identified Bulk Waste Generator (BWG's)

which are required to carry out onsite composting and management of solid waste as per guidelines.

EO Mansa informed that there are 27 wards having 16852 households in city Mansa and ULB has 80 no. Rikshaw Rehri (62 operational) and 2 no. Tata Ace compartmentalized vehicles for door-to-door collection of the Solid Waste. Mansa has engaged 3D society for waste collection from households on user charge basis which is Rs. 50/- per house and the cumulative user charges collection per month is approx. Rs. 5.5 lakhs, also Rs. 2.5 lakhs have been generated from the sale of the recyclables waste of MRF's. He informed that legacy waste at Dera Bhai Gurdass is approx. 1,50,000 MT and the MC has purchased Troumle Machine (capacity 250 TPD) and a separator machine for the treatment of the legacy waste. Earlier, a DPR @ 4.5 Cr. was sent for approval to start treatment of legacy waste which is still pending, however, now the work will be started at the MC level.

M.C Budhladha:

ULB has provided 1 no. MRF facility and onsite compost pits and has started the treatment of the legacy waste few months back but at present the treatment has been stopped. The legacy waste site is not having proper boundary wall, CCTV Cameras and piezometers have not been installed at site.

Junior Engineer, MC, Budhladha informed that the treatment of the legacy waste was stopped due to theft of the equipment's as the site is located in the outskirts of the city area and will be re-started in the coming week.

M.C Baretta:

ULB has provided 1 no. MRF facility and onsite compost pits which are working and in good condition. The ULB has started the treatment of the legacy waste and at present a very small amount of the legacy waste remains at site which can be completely remediated in few days, if, done so. The legacy waste site is not having proper boundary wall, CCTV Cameras and piezometers have also not been installed at site.

Nagar Panchayat, Bhikhi:

ULB Bhikhi has provided 1 no. MRF facility and onsite compost pits. The ULB also started the treatment of the legacy waste; however, quantity of the legacy waste at site has increased at site due to inadequate management of the solid waste over the past few months. The legacy waste site is not having proper boundary wall, CCTV Cameras and piezometers have also not been installed.

EO, MC, Bhikhi informed that he has joined in January, 2022 and the treatment of legacy waste was stopped due to strike of workers and now the work has been re-started and will be completed within 1 month. He further assured that Piezometers and the CCTV cameras will be installed within 1 month.

Nagar Panchayat, Boha:

ULB Boha has provided 01 MRF facility, which has not been developed fully and the compost pits have also not been properly working. The local body being a small ULB has less generation of Solid waste. The ULB has also small amount of legacy waste stored at dump site and can be remediated in a short span of time. CCTV Cameras and piezometers have not been installed at site.

EO, MC, Boha informed that work for treatment of the legacy waste will be started shortly and completed within 1 month.

Nagar Panchayat, Joga

ULB Joga has provided 1 MRF facility, which has not been operational and the compost pits are also not working. The local body being a small ULB has less generation of solid waste. The ULB also has small amount of legacy waste stored at dump site and can be remediated in a short span of time, if, started. Boundary wall has been provided around legacy waste dump site, however, CCTV Cameras and piezometers are not provided at site.

EO, MC, Joga informed that MRF will be commissioned immediately and work regarding treatment of the legacy waste will be started and will be completed within 1 month.

Nagar Panchayat, Sardulgarh:

ULB has developed 1 MRF's and onsite compost pits which have not been commissioned. Legacy waste dump site of the ULB is adjoining to MRF and the remediation of the legacy waste has not been started till date. Partial fencing has been provided along the legacy waste dump site, however, CCTV Cameras and piezometers are not installed at site.

EO, MC, Sardulgarh informed that MRF will be commissioned immediately and work regarding treatment of the legacy waste will be started immediately alongwith work for development of SLF.

After detailed discussion, Deputy Commissioner directed as under:

1. All the ULB's will prepare a conclusive plan mentioning data regarding population, households in the concerned area, solid waste generated, D2D collection, segregation, requirement of MRF's & compost pits, infrastructure already available for management of the solid waste, infrastructure (vehicles and manpower) required for management of solid waste and measures to be taken for completion of activity w,r,t timeline given by the NGT monitoring committee in District Environment Plan, within 15 days.
2. All the ULB's shall ensure 100 % D2D collection and source segregation of the solid waste as per timeline given in the District Environment Plan.
3. All the ULB's shall start the work for remediation of legacy waste immediately and ULB's Bhikhi, Baretta, Boha & Joga shall complete the remediation work within 1 month as per commitment. Rest of the ULB's i.e Mansa, Budhladha and Sardulgarh shall also complete the work of remediation of legacy waste as per extended timeline given by the Monitoring Committee i.e. 30.09,2022.

4. All the ULB's will provide the CCTV cameras and piezometers within the prescribed timelines.
5. All the ULB's shall earmarked the sanitary landfill sites (SLF) within the prescribed timelines.
6. All the ULB's shall ensure to remove all the shortcomings as observed by the Monitoring Committee during its visit on 04.04.2022.
7. PPCB in consultation with Executive Officers of ULBs Bhikhi, Bareta, Boha & Joga shall prepare a plan for post remediation measures to be adopted by the ULBs at the dump sites.
8. PPCB shall prepare a plan for the treatment of the leachate, if any, generated from the legacy waste dump sites.

Carcases Utilization:

AEE, PPCB informed that at present the dead animals are managed at hadda roris which are present in all the ULB's and most of the villages. The Monitoring Committee has conveyed through its proceedings that the meeting in this regard shall be held with the EO's under the Chairmanship of DC, Mansa to chalk out the strategy for providing the modern carcass utilization plant.

EE, PPCB informed that a public representative visited the office of PPCB last year with a proposal for setting up of carcass utilization plant with the help of the State Govt.

Deputy Commissioner Mansa directed PPCB to coordinate with the public representative and to hold a meeting at district level alongwith the public representative wherein proposal for modern carcass utilization plant shall be discussed.

Management of wastewater and solid waste by the unauthorized colonies /residential complex/ commercial complex developed by the private colonizers:

AEE, PPCB informed that at there are some private colonizers in the district who develop the residential colonies without adopting proper waste water and solid waste management measures.

Junior Engineer, Bathinda Development Authority informed that there are 19 such colonies which have been identified in the district out of which only 3 no. colonies have been developed and are having occupancy. Remaining 16 no. colonies have not been inhabited till date. He also informed that most of the colonies are developed as unauthorized colonies.

Deputy Commissioner Mansa directed the official of PUDA to check the guidelines regarding de-notification of the colonies which have not been inhabited.

PART-2: Plastic Waste Management

Time lines to complete the various activities and prescribed authority w.r.t Plastic Waste Management is as under:

Sr. No.	Activity	Prescribed Timeline	Responsible Authority
2.1	Plastic waste collection Centres	30.06.2022	All ULB's
2.2	Development and setting up of	30.06.2022	All ULB's

	infrastructure for segregation, collection, storage, transportation, processing and disposal of the plastic wastes		
2.3	Segregation, collection, storage, transportation and channelizing of recyclable plastic wastes	30.06.2022	All ULB's

AEE, PPCB informed that all the ULB's are collecting plastic waste from the households as a part of municipal solid waste and plastic waste is collected, segregated and stored at MRF facilities of the ULB's. All the ULB's are having sufficient infrastructure required for the management of the plastic waste. However it has been observed that the segregated plastic waste is stored in huge quantities at the MRF's.

It was also informed that some of the ULB's have already made agreement with PMIDC authorized plastic waste collector and other are still required to make agreement with the Max Films Specialties Ltd.

Deputy Commissioner Mansa directed all the ULB's to make an agreement with PMIDC authorized plastic waste collector within 15 days and shall ensure regular lifting of plastic waste to the authorized firm.

Part-3: C & D Waste Management

AEE, PPCB informed that timeline for completion of activity is 30.09.2022 and only Nagar Panchayat Bhikhi has setup the C&D waste recycling facility. Rests of the ULB's have identified the sites for the setting up of C&D facilities; however the same are yet to be commissioned.

Deputy Commissioner Mansa directed all the ULB's to make the agreement to provide the C & D waste recycling facility by 30.09.2022.

Part-4: Bio- Medical Waste Management

AEE, PPCB informed that there are two activities covered under this head i.e Inspection of the BMW Management by the HCF's and installation of Waste Water Treatment Plant by HCFs. He further apprised that inspections of HCFs to check compliance of bio-medical waste have been carried out by PPCB as per the guidelines of the BMW Rules, 2016 and action against the violators have been taken in accordance with the provisions of laws/rules. He informed that the DH Mansa was visited by the PPCB officials on 13.04.2022 and was found not complying with the provisions of the BMW Rules, 2016.

Regarding installation of waste water treatment facility by HCFs, AEE, PPCB apprised that as per policy of the department, all the HCF's having bed capacity more than 50 beds are required to install their individual Effluent Treatment Plants (ETP) for the treatment of waste water generated from the premises. In district Mansa, there is only one HCF having bed capacity more than 50 beds i.e. District Hospital, Mansa and the said HCF has already installed ETP for the treatment of the waste water generated from the hospital premises. He also informed that during visit to the hospital on 13.04.2022, it was found that no chemical dosing is being done by the hospital in the ETP, which is required for proper treatment of the effluent.

Deputy Commissioner, Mansa directed Deputy Medical Commissioner to ensure compliance to BMW Rules, 2016 in future and to verify the documents related to the agreement, design and payment details of the ETP plant and to stop the payment of the concerned contractor, if, the ETP plant is not operated properly.

Part-5: E- Waste Management

AEE, PPCB apprised that timeline for completion of this activity by each ULB is 30.06.2022 and there is 01 e-waste dismantling facility i.e. M/s Ramkey Enviro Engineers Ltd, Village Nimbua, Tehsil Dera Bassi, Distt. SAS Nagar and 3 no. recycling facilities namely M/s Spreco Recycling, Raikot, M/s K.J. Recycler, Jalandhar and M/s Black Diamond Cements Pvt. Ltd., Dera Bassi operating in the state of Punjab.

The segregation of the E- Waste from the Solid waste is done at the MRF's of the ULB's and all the ULB's are required to lift the collected E-Waste to the authorized recycler.

Deputy Commissioner, Mansa directed PPCB to make arrangements to contact the representatives of the E-waste recycling facilities and to facilitate the ULB's to sign agreement with it.

Part-6 Water Quality Management

Time lines to complete the various activities and prescribed authority w.r.t Water Quality Management is as under:

Sr. No.	Activity	Prescribed Timeline	Responsible Authority
6.1	Inventory of Water Body and rejuvenation of ponds	--	EO's of ULB's and DDPO
6.2	Rejuvenation of Groundwater	Regular Activity	Dept. of Irrigation & PWRDA
6.3	Sewage Treatment Plants	Regular Activity	PWSSB & MC
	Underground sewerage network	31.12.2022	PWSSB & MC

Inventory of Water Body and rejuvenation of ponds:

AEE, PPCB apprised that timeline for completion of this activity is 30.06.2022 and action is required to be taken by Executive Officer of each ULB and DDPO. At present 605 village ponds have been identified by the Department of Rural Development and Panchayat which require rejuvenation and the ponds having inflow of waste water from the villages are required to be developed on approved treatment technology for treatment of waste water.

DDPO Mansa informed that process for rejuvenation of the ponds have already been started in the district and the DDPO's have already been asked to prepare the plan for rejuvenation of ponds with specified timelines. He also informed that weekly meeting to review the progress will be taken for timely completion.

Deputy Commissioner, Mansa noted the progress.

Rejuvenation of Groundwater

AEE, PPCB apprised that Punjab Water Regulation and Development Authority has been setup in the State of Punjab to look after the matter related to the rejuvenation of ground water. He also informed that Department of Irrigation (canals) is also proposing to set up groundwater recharge structures for recharging of the canal water during no demand period.

Deputy Commissioner, Mansa noted the progress.

Sewage Treatment Plants

AEE, PPCB apprised that, there are 05 STP's of capacity 14 MLD, 6.5 MLD, 4 MLD, 3MLD & 3 MLD installed in district Mansa for treatment of the waste water of Mansa, Budhladha, Sardulgarh, Bhikhi & Bareta towns respectively. However, STP at Budhladha is lying un-operational for the last few months. He also informed that the STP of capacity 2MLD based on SBR technology for treatment of waste water of Boha town is under construction, however, no STP is planned for ULB Joga.

Sub Divisional Engineer, PWSSB informed that the STP Budhladha shall be made operational by 25.04.2022 and the STP Boha shall be commissioned by 31.07.2022. He also informed that the MC has not provided any land to the PWSSB for setting up of STP at Joga.

Deputy Commissioner Mansa noted the progress and directed EO, MC, Joga to identify the land for setting of STP at MC, Joga and take all necessary steps for transfer of land to PWSSB.

Underground sewerage network

AEE, PPCB apprised that in all the ULB's 100% underground sewerage network has not been installed yet, hence, 100% waste water generated from the towns does not reach the STP for treatment.

Deputy Commissioner Mansa directed PWSSB to convene a separate meeting regarding issues of STP's in the District.

7.0 Preparation of the Action Plan for the Waste Management (Solid Waste Management, Plastic Waste Management, C&D Waste Management, E-Waste Management, Water Quality Management and Noise Pollution Management) of villages of the District:

AEE, PPCB apprised that there are 245 villages in the district Mansa and an action plan is required to be prepared for the waste management in the villages w.r.t. Solid Waste Management, Plastic Waste Management, C&D Waste Management, E-Waste Management, Water Quality Management and Noise Pollution Management.

(1) Timeline for completion of this activity is 30.06.2022.

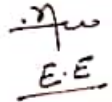
DDPO Mansa informed that a committee has been constituted in this regard to prepare the action plan for waste management in the villages w.r.t. Solid Waste Management, Plastic Waste Management, C&D Waste Management, E-Waste Management, Water Quality Management and Noise Pollution Management and the meeting regarding preparation of the action plan will be convened in the coming week. He also informed that the Action Plan will be prepared well before 30.06.2022.

Deputy Commissioner Mansa noted the progress and directed DDPO, Mansa to ensure compliance within stipulated timeline.

Further, the Deputy Commissioner, Mansa directed all the departments to execute the work efficiently and diligently within the stipulated time period as given by the NGT Monitoring Committee.


The meeting ended with the vote of thanks to the Chair.

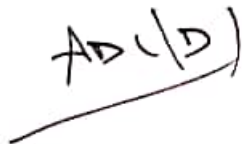

R.P.R.


E.E


27/4/22


Kd.pc


27/4/22


AD (D)