

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL AT
NEW DELHI
IN
ORIGINAL APPLICATION NO. 606 OF 2018**

IN THE MATTER OF:

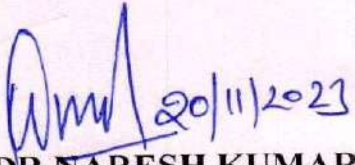
In re: Compliance of Municipal Solid Waste Management Rules, 2016 and other Environmental Issues.

(Arising out of directions of the Hon'ble Supreme Court in W.P.(C) No. 888/1996 and W.P.(C) No. 375/2012)

(The Issue – Monitoring of compliance of waste in terms of orders of Hon'ble Supreme Court dated 02.09.2014 and 22.02.2017)

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DR NARESH KUMAR

Assistant Director, SWM

For Secretary to Government of Punjab

Department of Local Government

9416228918

naresh.pmidc@gmail.com

Punjab Municipal Bhawan, Sector 35A, Chandigarh

Place: Chandigarh

Date :20-11-2023

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL AT
NEW DELHI
IN
ORIGINAL APPLICATION NO. 606 OF 2018**

IN THE MATTER OF:

In re: Compliance of Municipal Solid Waste Management Rules, 2016 and other Environmental Issues.

(Arising out of directions of the Hon'ble Supreme Court in W.P.(C) No. 888/1996 and W.P.(C) No. 375/2012)

PROGRESS/STATUS REPORT IN COMPLIANCE OF ORDER DATED 22.09.2022 PASSED BY THIS HON'BLE TRIBUNAL IN THE ABOVE-MENTIONED MATTER.

I, Ajoy Sharma, Secretary to Government of Punjab, Department of Local Government, Punjab on behalf of Government of Punjab the above-named deponent, do hereby, solemnly affirm and state as under:

IT IS MOST RESPECYFULLY SHOWETH:

- 1) That on the last date of hearing i.e., 22.09.2022, this Hon'ble Tribunal has directed as under:

".....Further, six monthly progress reports with verifiable progress may be filed by the Chief Secretary with a copy to the Registrar General of this Tribunal by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF. Copies thereof may be furnished to the NMCG, MoUD and CPCB and also be placed on the website of the State Government".

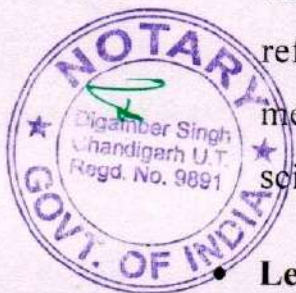
- 2) That in compliance of order dated 22.09.2022 of this Hon'ble Tribunal, State of Punjab has constituted a Committee under the Chairmanship of Administrative Secretary, Department of Local Government vide office order 11.11.2022 for regular review the progress of bridging the gap in Solid and Liquid Waste generation and treatment.

- 3) That first meeting of the Committee constituted in compliance of order passed by this Hon'ble Tribunal dated 22.09.2022 was held on 28.03.2023 and status of Solid – Liquid Waste Management in Urban areas of the State of Punjab by way of Affidavit dated 15th May, 2023 was submitted to the Hon'ble Tribunal on dated 16th May, 2023 (**ANNEXURE P-1**).
- 4) That second meeting of the above Committee was held on 18.11.2023 and latest status of Solid – Liquid Waste Management in Urban areas of the State of Punjab was reviewed. Copy of the minutes of the second meeting of the committee held on 18.11.2023 is annexed herewith as **ANNEXURE P-2**.
- 5) That the latest status of Solid – Liquid Waste Management in Urban areas of the State of Punjab is as under:

5.1 Progress of Solid Waste Management

The gaps and planning/ timelines for bridging the gaps in solid waste management is as under:

- **Solid Waste Processing:** That Door to door waste collection and transportation in segregated manner has achieved 99% compliance, segregation of waste at source 87%, processing of solid waste 79%. The requisite measures for strengthening of waste collection - transportation by deploying additional mechanized/ manual vehicles, upgradation/ repairs/ renovation/ new construction of waste processing infrastructure i.e. Material Recovery Facilities, Composting Units/ Bio-methanation at ULB level and for remediation of legacy waste is a continuing process. As per need of Urban Local Bodies (hereinafter referred to as ULBs), more processing facilities including bio-methanation plans will also be created from time to time ensuring 100% scientific processing of waste.
- **Legacy Waste Remediation:** That legacy waste remediation has been completed in 79 ULBs and remediation is under progress in remaining 69 ULBs.



- **Action Plan/ timelines:** That action plan for achieving the 100% waste processing and legacy waste remediation is as under:

S No	Activity	Status		
		Target	March, 2023	September, 2023
1	Solid Waste Processing	100%	78% (3200 TPD)	81% (3320 TPD)
2	Legacy Waste Remediation	100% 62.33Lakh MT	Completed 23.08 Lakh MT Balance 39.25 lakh MT	Completed 25.48 Lakh MT Balance 36.85 lakh MT

- That in addition to processing by composting of wet waste, 17 Bio-CNG/ Bio-methanation plants for processing of wet waste have been planned to be set up.
- That the ULBs are tying up with Plastic Waste processors for disposal of Plastic waste particularly multi layered plastics (MLPs). 77 numbers of ULBs tied up with Waste Processors and 335 Tons of waste has been channelized for processing to Waste Processors. Efforts are also being made for management of plastic waste through PIBOs under EPR.
- That Construction & Demolition Waste Management Plants have been set up and are functional at Amritsar & Jalandhar and under construction at Ludhiana. Mini C&D Waste Management plants are functional at Bathinda, Mohali & Patiala. Besides this, micro level C&D grinding units have been installed in 142 ULBs.

5.2 Progress of Liquid Waste Management

- **Total Sewerage Generation & Treatment Facilities/ STPs in ULBs in September, 2023 is as under:**

Item	No of Towns		Sewage Generation (MLD)	
	March, 2023	September 2023	March, 2023	September 2023
Total Towns (Nos.)	166	166	2208.40	2212.00
Towns with completed STPs (Nos.)	84	88	1800.59	1885.42
Gap in treatment in September, 2023			407.81	326.58



- To cover the gap of 326.58 MLD, status of new STPs is as under:

Status of STPs	Towns (Nos)	STPs (Nos)	Gap in Sewage Treatment (in MLD)	Installed Treatment Capacity (in MLD)	Expected Completion Timelines
Under construction	31	40	157.97	208.70	<ul style="list-style-type: none"> • 30 STPs (165 MLD) completed by 31.03.2024 • 10 STPs (43.70 MLD) completed by 31.12.2024
Other Peri Urban Areas-Under construction	-	4	8.10	10.05	<ul style="list-style-type: none"> • 31.12.2023
Under Planning (STPs -cum- FSTPs with co-treatment Facilities)	48	61	160.53	266.40	<ul style="list-style-type: none"> • Tender/DNIT stage - 57 No. (212.90 MLD) completed by within 18 months after work allotment. • DPR stage - 4 No (53.50 MLD) expected by 31.03.2025
Total	79	105	326.58		

- 6) That the State assures this Hon'ble Tribunal that all possible efforts will be made to implement all directions both in the letter and spirit of the directions.
- 7) That the second Progress Report for the period of April to September, 2023 by way of Affidavit of the deponent is hereby submitted for the kind perusal, consideration of this Hon'ble Tribunal.

Place: Chandigarh
Date : 20-11-2023



(Deponent)

Ajoy Sharma

Secretary to Govt of Punjab
Department of Local Government

Verification:

Verified that the contents of Paras No. 1 to 7 of the above Affidavit are true and correct to best of my knowledge as derived from the official record.

No part of the above affidavit is false and nothing material has been kept concealed or suppressed therein.

Place: Chandigarh
Date : 20-11-2023



(Deponent)
Ajoy Sharma
Secretary to Govt of Punjab
Department of Local Government

The contents of this Affidavit/Document has been explained to the deponent / executants. He/She has admitted the same to be correct. The deponent / executant has signed register at Serial No. 627 Page 037 Dt. 20/11/2023

Attested as Identified

A. Sharda
DIGAMBER SINGH
NOTARY CHANDIGARH (U.T.)

20/11/2023

20 NOV 2023

I identified the deponent / executant who sign./thumb marked in my presence

Ashish Kumar Ashish
Assistant Manager
Punjab Municipal Infrastructure
Development Company.
Card No: PMIDC/08/2021
Signature

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL AT
NEW DELHI
IN
ORIGINAL APPLICATION NO. 606 OF 2018

IN THE MATTER OF:

In re: Compliance of Municipal Solid Waste Management Rules, 2016 and other Environmental Issues.

(Arising out of directions of the Hon'ble Supreme Court in W.P.(C) No. 888/1996 and W.P.(C) No. 375/2012)
(The Issue – Monitoring of compliance of waste in terms of orders of Hon'ble Supreme Court dated 02.09.2014 and 22.02.2017)

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THROUGH

naginder benipal

NAGINDER BENIPAL
ADVOCATE

F No D-1625/2009

9999329299

naginder.benipal@gmail.com

E-358, Greater Kailash-1, New Delhi-110048

Place: Chandigarh

Date: 15/5/2023

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL AT

NEW DELHI

IN

Serial No. of Register 369
 Dated 15.5.22 ORIGINAL APPLICATION NO. 606 OF 2018

IN THE MATTER OF:

In re: Compliance of Municipal Solid Waste Management Rules, 2016 and other Environmental Issues.

(Arising out of directions of the Hon'ble Supreme Court in W.P.(C) No. 888/1996 and W.P.(C) No. 375/2012)

PROGRESS/STATUS REPORT IN COMPLIANCE OF ORDER DATED 22.09.2022 PASSED BY THIS HON'BLE TRIBUNAL IN THE ABOVE-MENTIONED MATTER.

I, Vivek Pratap Singh, Principal Secretary to Government of Punjab, Department of Local Government, Punjab on behalf of Government of Punjab the above-named deponent, do hereby, solemnly affirm and state as under:

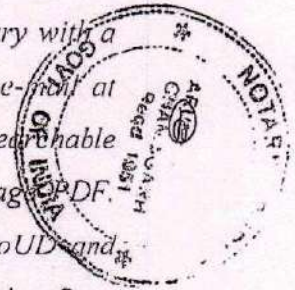
IT IS MOST RESPECTFULLY SHOWETH:

- 1) That on the last date of hearing i.e., 22.09.2022, this Hon'ble Tribunal has directed as under:

".....Further, six monthly progress reports with verifiable progress may be filed by the Chief Secretary with a copy to the Registrar General of this Tribunal by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR Support PDF and not in the form of Image PDF. Copies thereof may be furnished to the NMCG, MoUD and CPCB and also be placed on the website of the State Government".



- 2) That in compliance of order dated 22.09.2022 of this Hon'ble Tribunal, State of Punjab has constituted a Committee under the Chairmanship of Administrative Secretary, Department of Local Government vide office order 11.11.2022 for regular review the progress of bridging the gap in Solid and Liquid Waste generation and treatment. Copy of the Order issued by



Department of Science, Technology and Environment Branch, Government of Punjab dated 11.11.2022 is annexed herewith as ANNEXURE P-1.

- 3) That 1st meeting of the Committee constituted in compliance of order passed by this Hon'ble Tribunal dated 22.09.2022 was held on 28.03.2023. Copy of the minutes of meeting dated 28.03.2023 are annexed herewith as ANNEXURE P-2.
- 4) That the latest status of Solid – Liquid Waste Management in Urban areas of the State of Punjab is as under:

i) **Progress of Solid Waste Management**

- Waste processing: That Door to door waste collection and transportation in segregated manner has achieved 99% compliance, segregation of waste at source 85.5%, processing of solid waste 78%. Adequate waste processing facilities i.e., compost units and Material recovery facilities are being created. However, as per need of Urban Local Bodies (hereinafter referred to as ULBs), more processing facilities will also be created from time to time ensuring 100% scientific processing of waste.
- Legacy waste remediation: 65 ULBs have already cleared their legacy waste dump sites and remediation is under progress in remaining 88 ULBs.
- Action Plan/ timelines: The action plan for achieving the 100% waste processing and legacy waste remediation is as under:

S No	Activity	Status		
		Target	October, 2022	March, 2023
1	Waste processing	100%	75% (3075 TPD)	78% (3200 TPD)
2	Legacy waste remediation	100%	57.60 lakh MT	39.25 lakh MT

ii) **Progress of Liquid Waste Management**

Total Sewerage generation & treatment facilities/ STPs in ULBs in March, 2023 is as under:

Item	No of Towns	Sewage generation (MLD) in March, 2023	Treatment Capacity with future coverage (MLD)
Total towns	166	2208.40	2635.40
No. of towns with completed STPs	84	1800.59	2067.70
Gap in treatment in March, 2023		407.81	

- To cover the gap of 407.81 MLD, status of new STPs is as under:

Status of STP	No. of towns	No. of STPs	Gap in treatment/ sewage generation in MLD	Treatment capacity in MLD	Expected Completion
Under construction	33	45	246.60	320.70	<ul style="list-style-type: none"> 21 STPs (223 MLD capacity) are expected to be completed by 30.09.23 24 STPs (97.70 MLD capacity) are expected to be completed by 31.12.23
Other Peri Urban Areas- Under construction		4	8.10	10.05	<ul style="list-style-type: none"> 31.12.23
Under Planning	49	64	153.11	236.95	<ul style="list-style-type: none"> Tender/DNIT stage - 32 No. (85.25 MLD) expected to be completed by 31.12.24 DPR stage - 32 No (151.70 MLD) expected to be completed by 31.03.25
Total	82	113	407.81		

- That the State assures this Hon'ble Tribunal that all possible efforts will be made to implement all directions both in the letter and spirit of the directions.
- That the Progress report for the period of October, 2022 to March, 2023 by way of Affidavit of the deponent is hereby submitted for the kind perusal, consideration of this Hon'ble Tribunal.

Place: Chandigarh
Date: 15/5/2023



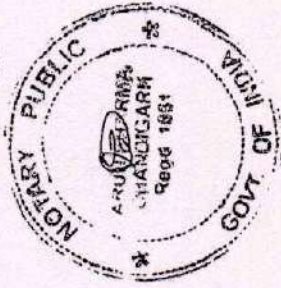
(Deponent)
Vivek Pratap Singh,
Principal Secretary

Verification:

Verified that the contents of Paras No. 1 to 6 of the above Affidavit are true and correct to my knowledge as derived from the official record. No part

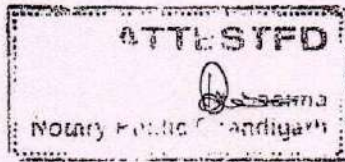
of the above affidavit is false and nothing material has been kept concealed or suppressed therein.

Place: Chandigarh
Date: 15/5/2023



(Deponent)
Vivek Pratap Singh,
Principal Secretary

Certified that the Affidavit/SPA/GPA/Will has been read over & Explained to the Deponent / Executant who seemed Directly to understand the same at the time of making & signing the document.



15/5/2023

15 MAY 2023

AD
21/11/2022

AD

Government of Punjab
Department of Science, Technology & Environment
(STE Branch)

Order

The Hon'ble National Green Tribunal (NGT) vide Order dated 22.09.2022 in Original Application No. 606/2018 regarding "Compliance of Municipal Solid Waste Management Rules, 2016 and other environmental issues" passed several directions for ensuring that the gap in solid and liquid waste generation and treatment is bridged at the earliest, shortening the proposed timelines, adopting alternative/interim measures to the extent and wherever found viable. Further, directed that the State may devise an operative mechanism by which service providers with due diligent process can execute work relating to solid and sewage management simultaneously throughout the State-all districts, cities & towns.

Further, the Tribunal directed the State Government to consider designating a Senior Nodal Officer at the rank of ACS with team of technical experts to regularly assess the progress in bridging the gaps in sewage and solid waste management and establishing stocktaking at the district levels.

The compliance of above said NGT orders was discussed in the 19th Meeting of State Apex Committee held under the chairmanship of Chief Secretary, Punjab on 19.10.2022 at 12.15 PM wherein it was decided to constitute the following Committee, in compliance of above said NGT order:

Sr. No.	Designation	
1	Administrative Secretary, Local Govt.	Chairman
2	CEO, Punjab Municipal Infrastructure Development Company	Member Convenor
3	Member Secretary, Punjab Pollution Control Board	Member
4	Chief Engineer, Punjab Water Supply & Sewerage Board	Member
5	Chief Engineer, PMIDC	Member

The Committee shall periodically report to the Chief Secretary regarding the progress made with regard to compliance with said NGT order.

Dated: 11.11.2022
Chandigarh

RT
Rahul Tewari, IAS
Secretary, Department of Science, Technology
& Environment

Endst. No. 3/17/2020-STE(5)/457018/1

Dated: 11.11.2022

A copy of the above is forwarded to OSD to Chief Secretary, Punjab for kind information of worthy Chief Secretary, Punjab

Manjeet Singh
Manjeet Singh Randhawa
Superintendent

Endst. No. 3/17/2020-STE(5)/457018/2

Dated: 11.11.2022

A copy of the above is forwarded to Director, DECC for information please

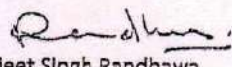
Manjeet Singh
Manjeet Singh Randhawa
Superintendent

Endst. No. 3/17/2020-STE(5)/457018/3-7

Dated: 11.11.2022

A copy of the above is forwarded to the following for their information & necessary action please:

- i. Administrative Secretary, Department of Local Government
- ii. CEO, PMIDC
- iii. Member Secretary, PPCB
- iv. Chief Engineer, PWSSB
- v. Chief Engineer, PMIDC


Marjeet Singh Randhawa
Superintendent

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PUNJAB MUNICIPAL INFRASTRUCTURE DEVELOPMENT COMPANY
5 th Floor, Punjab Municipal Bhawan
(Department of Local Government)
Plot No. 3, Sector 35 A, Dakshin Marg, Chandigarh-160022
Email: swm.pmidc@gmail.com ce1.pmidc@punjab.gov.co.in




To,

1. Member Secretary,
Punjab Pollution Control Board,
Patiala
2. Chief Engineer,
Punjab Water Supply & Sewerage Board,
Chandigarh
3. Chief Engineer,
PMIDC, Chandigarh

Memo No. PMIDC/SWM/CE/2023/3120-22 Dated: 4/5/2023


Subject: Minutes of 1st Meeting of the Committee constituted by Chief Secretary, Punjab in compliance of Hon'ble NGT orders dated 22-09-2022 in OA No.606/2018, held under the Chairmanship of Sh Vivek Pratap Singh, IAS, Principal Secretary to Government of Punjab, Department of Local Government at Punjab Municipal Bhawan, Chandigarh on 28-03-2023.

On the above cited subject, the proceedings of the the Committee constituted by Chief Secretary, Punjab in compliance of Hon'ble NGT orders dated 22-09-2022 in OA No.606/2018, held under the Chairmanship of Sh Vivek Pratap Singh, IAS, Principal Secretary to Government of Punjab, Department of Local Government at Punjab Municipal Bhawan, Chandigarh on 28-03-2023 are attached for further necessary action.


Chief Engineer (M)


Endst No: PMIDC/SWM/CE/2023/3121 Dated: 4/5/2023

A copy of the above is forwarded to CEO, PMIDC for information please.


Chief Engineer (M)

Endst No: PMIDC/SWM/CE/2023/3122 Dated: 4/5/2023

A copy of the above is forwarded to Director, Directorate of Environment & Climate Change, Punjab for information please.


Chief Engineer (M)

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Minutes of 1st Meeting of the Committee constituted by Chief Secretary, Punjab in compliance of Hon'ble NGT orders dated 22-09-2022 in OA No.606/2018, held under the Chairmanship of Sh Vivek Pratap Singh, IAS, Principal Secretary to Government of Punjab, Department of Local Government at Punjab Municipal Bhawan, Chandigarh on 28-03-2023.

List of Participants is as under:

S No	Office	Name & Designation
1	PMIDC, Department of Local Government, Punjab	Smt Isha Kalia, IAS, CEO & Convener Sh Mukul Soni, Chief Engineer Dr Naresh Bhardwaj, AD-SWM
2	PWSSB, Department of Local Government, Punjab	Smt Rajwant Kaur, DPD
3	Punjab Pollution Control Board, Patiala	Sh Rajeev Goyal, SE Sh Pardeep, XEN

At the outset, the Convener welcomed the participants and deliberated the purpose of the Committee constituted by Chief Secretary in compliance of orders dated 22-09-2022 of the Hon'ble National Green Tribunal, New Delhi in OA No.606/2018.

The Committee will regularly review the progress of bridging the gap in Solid and Liquid waste generation and treatment.

Hon'ble NGT vide orders dated 22-09-2022, has imposed Environmental compensation amounting to, Rs. 2180 Cr on Punjab State as under:

- i) Rs. 2000/- Cr for gap in treatment of liquid waste/ sewage i.e. 1000 MLD.

The restoration measures with respect to sewage management would include: setting up of sewage treatment and utilization systems, upgrading systems/operations of existing sewage treatment facilities to ensure utilization of their full capacities, ensuring compliance of standards, including those of fecal coliform and setting up of proper fecal sewage and sludge management in rural areas.

- ii) Rs. 180 Cr for failure to scientifically manage solid waste including Un-remediated legacy waste is to the extent of 57.6 lakh MT and per day gap of 1025 TPD.

With regard to solid waste management, the execution plan would include setting up of required waste processing plants and remediation of left out sites.

Thereafter, the agenda items were taken one by one.

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-24-23-

Item No.1.1: Progress of Solid Waste Management in Urban Areas.

The gaps and planning/ timelines for bridging the gaps in solid waste management were reviewed.

Waste processing: The Committee noted the progress of door to door waste collection & transportation (99%), segregation of waste at source (85.5%), processing and processing of solid waste (78%). Adequate waste processing facilities i.e. compost units and Material Recovery Facilities have been created. However, as per need of ULBs, more processing facilities will also to be created from time to time for ensuring 100% scientific processing of waste.

Legacy waste remediation: The Committee noted the progress of remediation of dump sites. 61 ULBs have already cleared their dump sites and Legacy Waste Remediation is under progress in 91 ULBs.

Action Plan/ timelines: The action plan for achieving the 100% waste processing and legacy waste remediation is as under:

S No	Activity	Status		
		Target	October, 2022	March, 2023
1	Waste processing	100%	75% (3075 TPD)	78% (3200 TPD)
2	Legacy waste remediation	100%	57.60 lakh MT	40.71 lakh MT

The Committee directed to expedite the progress for bridging the gaps in waste processing and remediation of legacy waste.

Item No.1.2: Progress of Liquid Waste Management in Urban Areas.

The gaps and planning/ timelines for bridging the gaps in total sewage generation & treatment facilities/ STPs in ULBs were reviewed during the meeting:

- i) Gaps in total Sewerage generation & Treatment facilities /STPs in ULBs in March, 2023.

Item	No of Towns	Sewage generation (MLD) in March, 2023	Treatment Capacity with future coverage (MLD)
Total towns	166	2208.40	2635.40
No. of towns with completed STPs	84	1800.59	2067.70
Gap in treatment in March, 2023		407.81	

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ii) To cover the gap of 407.81 MLD, status of new STPs is as under:

Status of STP	No. of towns	No. of STPs	Gap in treatment/ sewage generation in MLD	Treatment capacity in MLD	Expected Completion
Under construction	33	45	246.60	320.70	<ul style="list-style-type: none"> • 21 STPs (223 MLD capacity) are expected to be completed by 30.09.23 • 24 STPs (97.70 MLD capacity) are expected to be completed by 31.12.23
Other Peri Areas-Under construction		4	8.10	10.05	<ul style="list-style-type: none"> • 31.12.23
Under Planning	49	64	153.11	236.95	<ul style="list-style-type: none"> • Tender/DNIT stage - 32 No. (85.25 MLD) expected to be completed by 31.12.24 • DPR stage - 32 No (151.70 MLD) expected to be completed by 31.03.25
Total	82	113	407.81		

The meeting ended with a vote of thanks to Chair.



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PUNJAB MUNICIPAL INFRASTRUCTURE DEVELOPMENT COMPANY
(DEPARTMENT OF LOCAL GOVERNMENT, PUNJAB)
5th Floor, Punjab Municipal Bhawan, P.No.3, Sector 35A, Chandigarh-160034
Email: swm.pmidc@gmail.com, Ph. 0172-2619157, 2619174 Fax: 0172-4020100



No.PMIDC/SWM/2023-3/.....8538-40

Dated: 20/11/2023

Through E-mail only

To

1. **The Member Secretary**
Punjab Pollution Control Board, Patiala
2. **The Chief Engineer**
Punjab Water Supply & Sewerage Board, Chandigarh
3. **The Project Director**
Swachh Bharat Mission – Urban & Solid Waste Management
PMIDC, Chandigarh

Subject: Minutes of 2nd Meeting (Virtual) held on 18th November, 2023 at 2:30 PM to review the progress for bridging Gaps in Solid & Liquid Waste Management in compliance of orders dated 22-09-2022 in OA No.606/2018 of the Hon'ble NGT.

On the subject noted above. The Minutes of the 2nd Meeting (Virtual) held under the Chairmanship of Sh. Ajoy Sharma, IAS, Secretary to Government of Punjab, Department of Local Government 18th November, 2023 at 2:30 PM to review the progress for bridging Gaps in Solid & Liquid Waste Management are enclosed herewith for information and further necessary action.


Dr. Naresh Kumar
Asstt. Director
Solid Waste Management, PMIDC

CC:

- i. PS/ SLG for kind information of SLG, Punjab.
- ii. PS/PSSTE for kind information of PSSTE, Punjab
- iii. EA/CEO for kind information of CEO/PMIDC.

Minutes of 2nd Meeting (of the Committee constituted by Chief Secretary, Punjab in compliance of Hon'ble NGT orders dated 22-09-2022 in OA No.606/2018), held under the Chairmanship of Sh Ajoy Sharma, IAS, Secretary to Government of Punjab, Department of Local Government through virtual mode on 18-11-2023.

List of Participants is as under:

S No	Office	Name & Designation
1	PMIDC, Department of Local Government, Punjab	Smt Deepti Uppal, IAS, CEO & Convener
		Dr Puran Singh, Project Director (SBMU & SWM)
		Dr Naresh Bhardwaj, Assistant Director-SWM
2	PWSSB, Department of Local Government, Punjab	Smt Rajwant Kaur, DPD
3	Punjab Pollution Control Board, Patiala	Er Gurindar Singh Majithia, Member Secretary and
		Er Hardeep Kaur, Environment Engineer

At the outset, while welcoming the participants, the Convener explained the purpose of the Committee constituted by Chief Secretary in compliance of orders dated 22-09-2022 of the Hon'ble National Green Tribunal, New Delhi in OA No.606/2018. The Committee has been regularly reviewing the progress of bridging the gaps in Solid and Liquid waste generation and treatment.

Hon'ble NGT vide orders dated 22-09-2022, has imposed Environmental compensation amounting to. Rs. 2180 Cr on Punjab State as under:

- i) Rs. 2000/- Cr for gap in treatment of liquid waste/ sewage i.e. 1000 MLD.

The restoration measures with respect to sewage management would include: setting up of sewage treatment and utilization systems, upgrading systems/operations of existing sewage treatment facilities to ensure utilization of their full capacities, ensuring compliance of standards, including those of fecal coliform and setting up of proper fecal sewage and sludge management in rural areas.

- ii) Rs. 180 Cr for failure to scientifically manage solid waste including Un-remediated legacy waste is to the extent of 57.6 lakh MT and per day gap of 1025 TPD.

With regard to solid waste management, the execution plan would include setting up of required waste processing plants and remediation of left out sites.

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Thereafter, the agenda items were taken one by one.

Item No.2.1: Progress of Solid Waste Management in Urban Areas.

The gaps and planning/ timelines for bridging the gaps in solid waste management were reviewed as under:

- **Solid Waste Processing:** The Committee noted that Door to door waste collection and transportation in segregated manner has achieved 99% compliance, segregation of waste at source 87%, processing of solid waste 79%. The requisite measures for strengthening of waste collection - transportation by deploying additional mechanized/ manual vehicles, upgradation/ repairs/ renovation/ new construction of waste processing infrastructure i.e. Material Recovery Facilities, Composting Units/ Bio-methanation at ULB level and for remediation of legacy waste is a continuing process. As per need of Urban Local Bodies (hereinafter referred to as ULBs), more processing facilities including bio-methanation plans will also be created from time to time ensuring 100% scientific processing of waste.
- **Legacy Waste Remediation:** The Committee noted that legacy waste remediation has been completed in 79 ULBs and remediation is under progress in remaining 69 ULBs.
- **Action Plan/ timelines:** The Action Plan for achieving the 100% waste processing and legacy waste remediation is as under:

S No	Activity	Status		
		Target	March, 2023	September, 2023
1	Solid Waste Processing	100%	78% (3200 TPD)	81% (3320 TPD)
2	Legacy Waste Remediation	100% 62.33Lakh MT	Completed: 23.08 Lakh MT Balance: 39.25 lakh MT	Completed 25.48 Lakh MT Balance 36.85 lakh MT

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- In addition to processing by composting of wet waste, 17 Bio-CNG/ Bio-methanation plants for processing of wet waste have been planned to be set up.
- The ULBs are tying up with Plastic Waste processors for disposal of Plastic waste particularly multi layered plastics (MLPs). 77 numbers of ULBs tied up with Waste Processors and 335 Tons of waste has been channelized for processing to Waste Processors. Efforts are also being made for management of plastic waste through PIBOs under EPR.
- The massive awareness campaign has been continuously going on for sustaining source segregation of waste etc at ULB level by a dedicated team of about 400+ Community Facilitators/ Motivators/ SWM/ IEC experts.
- The capacity building of Sanitation Workers/ SafaiMitra, middle and senior level staff for SLWM both is going on Campaign mode CB has been launched for sanitation Workers/ SafaiMitras.
- The Construction & Demolition Waste Management Plants have been set up and are functional at Amritsar & Jalandhar and under construction at Ludhiana. Mini C&D Waste Management plants are functional at Bathinda, Mohali & Patiala. Besides this, micro level C&D grinding units have been installed in 142 ULBs.
- The Committee directed to expedite the progress for bridging the gaps in waste processing and remediation of legacy waste.

Item No.2.2: Progress of Liquid Waste Management in Urban Areas.

The gaps and planning/ timelines for bridging the gaps in total Sewage Generation & Treatment Facilities i.e. STPs/ FSTPs in ULBs were reviewed during the meeting:

- **Total Sewerage Generation & Treatment Facilities i.e. STPs/ FSSTPs in ULBs in September, 2023 is as under:**

Item	No of Towns		Sewage Generation (MLD)	
	March, 2023	September 2023	March, 2023	September 2023
Total Towns (Nos.)	166	166	2208.40	2212.00
Towns with completed STPs	84	88	1800.59	1885.42

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(Nos.)			
Gap in treatment in September, 2023		407.81	326.58

- To cover the gap of 326.58 MLD, status of new Treatment Facilities i.e. STPs/ FSTPs is as under:

Status of STPs	Towns	STPs	Gap in Sewage Treatment	Installed Treatment Capacity	Expected Completion Timelines
	(In Nos.)		(In MLD)		
Under construction	31	40	157.97	208.70	<ul style="list-style-type: none"> • 30 STPs (165 MLD) completed by 31.03.2024 • 10 STPs (43.70 MLD) completed by 31.12.2024
Other Peri Urban Areas-Under construction	-	4	8.10	10.05	<ul style="list-style-type: none"> • 31.12.2023
Under Planning (STPs -cum-FSTPs with co-treatment Facilities)	48	61	160.53	266.40	<ul style="list-style-type: none"> • Tender/DNIT stage - 57 No. (212.90 MLD) completed by within 18 months after work allotment. • DPR stage - 4 No (53.50 MLD) expected by 31.03.2025
Total	79	105	326.58		

- The Committee directed the PWSSB to expedite the progress for bridging the gaps in Sewerage Generation & Treatment Facilities in the remaining ULBs.

The meeting ended with a vote of thanks to Chair.

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