

**Government of Manipur
Directorate of Environment and Climate Change
Porompat, Imphal – 05**

No. 61/5/2015(NGT/673/MPR4)/DoE&CC

Imphal, the 16th May, 2026

To,
The Executive Director – Technical (NMCG)
National Mission for Clean Ganga
Ministry of Jal Shakti, Govt. of India

Sub. : Submission of Monthly Progress Report (MPR) to the Central Monitoring Committee in the NGT Matter OA No. 673 of 2018;

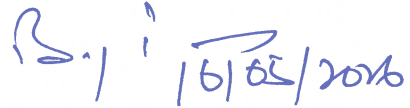
Sir,

I have the honour to submit herewith the Monthly Progress Report (MPRs) in respect of Manipur State for the month of april, 2026 for kind reference and doing the needful.

With regards,

Encl : As above

Yours Sincerely



(Dr. T. Brajakumar Singh)

Director

Copy to :

1. Staff Officer to the Chief Secretary, Government of Manipur
2. Principal Secretary (Forest, Environment and Climate Change), Govt. of Manipur
3. Scientist 'B', National River Conservation Division, Ministry of Jal Shakti, Govt. of India

National Mission for Clean Ganga
Format for submission of Monthly Progress Report in the NGT Matter OA
No. 673 of 2018
(in compliance with NGT order dated 24.09.2020)
For the State of Manipur submitted on 20th April 2026

• **Sewage Generation:**

	Total Sewage Generation Per Day (in MLD)
Urban	70
Rural	49
Hills	66
Total	185

• **Details of Sewage Treatment Plant:**

• Existing No. of STPs and Treatment Capacity	:	3(Three) STP of 27, 16 and 1 MLD = 44 MLD Operational
• Capacity Utilization of existing STPs	:	(21.59+7.5+0.8) MLD=29.89 MLD
• MLD of sewage being treated through alternate technology	:	NIL
• Gap in Treatment Capacity in MLD	:	14.1 MLD
• No. of Operational STPs	:	3 (three) Detail of STP is at Annexure-1
• No. of Complying STPs	:	3 (three)
• No. of non-complying STPs	:	Nil

Details of Existing STP in the State

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP
1	Lamphel, Imphal West	27 MLD	21.59 MLD	Operational (79.98%)	Complying
2	Maibam Leikai, Imphal West	16 MLD	7.5 MLD	Operational (50.00%)	Complying
3	Iroisemba, Imphal West	1 MLD	0.8 MLD	Operational (80%)	Complying
Total		44.0 MLD	29.9		

Details of proposed STPs in the State

No.	Location	Capacity of the STP proposed in MLD	Status of Project	Likely Date of Completion
1	Imphal	49 MLD	Total physical progress of 42.57%	2027

• **Details of Industrial Pollution:**

1	No. of industries in the State	:	409 Nos. (342 outside Industrial Estate and 67 inside Industrial Estate)						
2	No. of water polluting industries in the State located along the 9 (nine) prioritized rivers of Manipur	:	Nil						
3	Quantity of effluent generated from the industries in MLD	:	0.93 KLD (estimated) in case of the 3 units located within Nilakuthi Food Park, Imphal East						
4	Quantity of Hazardous Sludge generated from the Industries in TPD	:	Sl. No.	Name of the Industrial Estate	Estimated Industrial Effluent Generation KLD	pH	BOD (mg/l)	COD (mg/l)	Total Suspended Solids (mg/l)
		:	1	Takyelpat Industrial Estate	25.0	7.8	30.0	200	98.0

			2	Tera Urak Industrial Estate	5.0	7.7	28.0	180	90.0
			3	Kuraopokpi Industrial Estate	15.0	7.5	29.0	190	90.0
5	Number of industrial units having ETPs	:	Nil						
6	Number of industrial units connected to CETPs	:	3 (three)						
	Number and total capacity of ETPs	:	Nil						
	Details of existing	:	Nil						
	Under construction	:	Nil						
	Proposed	:	Nil						
	Compliance status of the ETPs	:	Nil						
	Number and total capacity of CETPs	:	1 (one) CETP						
	Details of existing	:	1 unit of 400 KLD capacity						
	Under construction	:	3						
	Proposed	:	Nil						

Town	Existing ETP Capacity	CETP Proposed, if any	Status (under construction etc.)
Imphal	400 KLD capacity	Nil	The construction of 3(three) ETPs at Takyelpat, Tera Urak & Kuraopokpi Industrial Estates of Manipur under PM Gatishakti Schemes has been completed.

• **Status of compliance and operation of the CETPs**

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (Existing, under construction & proposed)
Imphal	5 (five)	Requested the Member Secretary, Manipur Pollution Control Board vide letter No. A-DTCI-109/4/2022-DTCI-DTC&I dt. 05/06/2023 to support with the data on industrial waste generated (in TPD) inside the 3 (three) Industrial Estates of Manipur and 1 (one) food park in Nilakuthi.	Nil	1 (one) CETP of 400 Kilo Liter / Day at Nilakuthi Industrial Estate, Imphal Status: Functional

• **Solid Waste Management:**

- Total Urban Local Bodies (ULBs) : 27 ULBs
- Population of ULBs : 6,16,002 (2011 Census)
: 8,46,918 (2025 projected population)
- Current Municipal Solid Waste Generation : 309.39 MTD
(As per SBM 2.0 guidelines, MSW generation is estimated @450gm per capita generation for Imphal Municipal Corporation (for more than one lakh population) and @300gm per capita generation for other ULBs (for less than one lakh population) based on 2025 projected population)
- Waste Collected : 201.83 TPD (Collected by ULBs)

- Existing Management / treatment facility : 218.50 TPD
- Utilization of MSW processing : 72.77 TPD
[Managed by ULBs = 72.77 TPD
Managed at Source = 83.34 TPD
Total Managed = 156.1 TPD]

Number installed capacity and utilization of existing MSW processing facilities in TPD bifurcated by type of processing.

PROCESSING / SEGREGATION UNIT / PLANT									
SN	ULB Name	Name of MSW processing unit	Capacity of dry waste processing / segregation unit/plant	Capacity of wet waste processing / segregation unit / plant	Any other processing unit capacity	Installed capacity	Utilization (in TPD)	Type of processing	Action plan to bridge Gap between utilization and installed facility
1	Imphal MC	Lamdeng Solid Waste Management Plant	50	50	0	100	30	Windrow Composting for Wet Waste & Mechanical Segregation for Dry waste	- More awareness and behavioral change campaign required. - Increase in Manpower with magisterial authority - Machinery upgradation (Outdated Machines still in use) - Linking of other Municipal Services to the garbage collection enrolment - Setting up Waste Management Plant for other LBs (Urban and Rural) as most of them bring their waste to Imphal (Lamdeng) waste management plant.
2	Lamshang MC	1. Lamdeng Solid Waste Management Plant and 2. Lamsang SWM site	0.5	0.5	0	1	0.5	Aerobic composting and manual segregation of dry waste	- Construction of additional Material Recovery Facility and composting pits - Capacity Building in terms of men and machineries. - Linking door-to-door collection of waste subscription to municipal services. - Awareness on Single Use Plastics and benefits of RRR (Reduce, Reuse and Recycle) ways of waste management, etc.
3	Samurou MC	0	0	0		0		Manual segregation/sale of recyclable waste	- Allotment of SWM land - IEC campaign and promotion for Home Composting at Household levels. - The Council has no suitable land for Solid waste management plant and processing. As such the Council focus more on small composting units of biodegradable waste. Linking of Services and Schemes with door-to-door collection of waste.
4	Thongkhong Laxmi MC	Council SWM site	1.5	2		3.5		Aerobic composting/manual segregation/recycling	In terms of Ward-wise, Region-wise, Area-wise, Leikai-wise, Leirak-wise coverage of D2D collection, there is 100% coverage of D2D, but households wise 85%.

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								shed cum transfer station.	• More awareness and behavioral change campaign required. • Increase of manpower with magisterial authority to enable ULB to enforce the SWM Byelaws strictly & adding of required machinery. • The recently allotted land is a low-lying area with perennial water. Land needs to be developed first & Construction of Solid Waste processing structure and installation of solid waste processing machineries needed after development of the land which requires huge investment. • Till the development of the allotted land, after selling of segregated plastic bottles & cardboard boxes only at Council level, the remaining collected waste is transferred to Lamdeng SWM Plant on regular basis on payment of tipping fee for further processing.
5	Sekmai MC	1. Lamdeng Solid Waste Management Plant. 2. Sekmai SWM Site at Parao, Sekmai	0.3	0.25	0	0.55	0.3	• Aerobic Composting, sale of recyclable waste to recyclers	• Construction of additional Material Recovery Facility and composting pits • Capacity Building in terms of men and machineries. • Linking door-to-door collection of waste subscription to municipal services. • Awareness on Single Use Plastics and benefits of RRR (Reduce, Reuse and Recycle) ways of waste management, etc.
6	Lilong IW MC	Lilong Imphal West SWM Site	1	1	0	2	1.1	• Aerobic Pit Composting for WET waste & Mechanical Segregation for DRY Waste & Mixed waste	• More awareness and behavioral change campaign required. • Increase in Manpower with magisterial authority. • Machinery upgradation

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									- Linking of other Municipal Services to the garbage collection enrolment - More vehicles for transportation at Lamdeng waste management plant.
7	Wangoi MC	Nil		0	0	0		Segregation shed cum transfer station	- More rigorous awareness and behavioral change campaign - Increase of manpower and machinery by 30.06.2026 - Allotment of SWM land by 30.06.2026 - Setting up a Solid Waste Management & Processing Facility of its own.
8	Thoubal MC	Waste Management Plant, Thoubal Khunou, Thoubal	10	20	0	30	8.7	Aerobic Pit Composting for WET waste & Mechanical Segregation for DRY Waste & Mixed waste	- Encouraging source segregation and home composting through IEC activities. - Engaging more manpower in Waste Management Plant. Currently, we have increased numbers of waste pickers from the locality. - Door-to-door collection aligned to Municipal Services.
9	Yairipok MC	Chingya Segregation shed	0.45	0.05	0	0.5	0.5	Aerobic Pit Composting for WET Waste & mechanical Segregation Dry Waste & Mixed Waste	- Increase awareness programmes throughout the wards of the Municipality - Sent to Thoubal Cluster waste processing site
10	Andro MC	Andro SWM site	1	1	0	2	0.9	Composting Manual Segregation & Recycling	- Plant to fill up the gap by 31.03.2026 through: - Increasing IEC on Door-to-Door waste collection & Source segregation, - Increase in manpower, - Engagement of recyclers, - Encouraging home composting, - Capacity building in terms of man & machinery.

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11	Sikhong Sekmai MC	Sikhong Sekmai SWM site, Nungther Chingkhong	1	1	0	2	0.56	• MRF (Material Recovery Facility) and Composting pit	• Increase awareness programmes throughout the wards of the Municipality
12	Lilong TBL MC	Lilong (Thoubal) MC SWM Site	1	1	0	2	0.84	• Aerobic Pit Composting for WET waste & Mechanical Segregation for DRY Waste & Mixed waste	• More awareness and behavioral change campaign required. • Increase in Manpower with magisterial authority • Machinery upgradation (Outdated Machines still in use) • Linking of other Municipal Services to the garbage collection enrolment • Setting up Waste Management Plant for other LBs (Urban and Rural) as most of them bring their waste to Imphal (Lamdeng) waste management plant.
13	Heirok MC	Heirok SWM site	1	1	0	2	0.5	• Transfer cum Segregation shed and Composting Unit	• More composting pits, increase in manpower, awareness drives and engagement of recyclers and encouraging home composting.
14	Wangjing Lamding MC	Wangjing SWM Facility	2	0	0	2	1.1	• Transfer cum Segregation shed and Composting Pit.	• increasing home composting, more compost pits, awareness on source segregation, engage more recyclers
15	Kakching MC					0		• Composting, Manual Segregation & Recycling	• Intensified IEC on Door-to-Door Waste Collection and Source Segregation. Mandatory Submission of Payment Receipts of D2D waste collection at the time of availing any form of service from the Council.
16	Mayang Imphal MC	Management Site	8	3	0	11	2	• Treatment Plant - Composting Pits- MRF/segregation sheds. • Remaining collected waste sent to	• Treatment Plant, Composting Pits and MRF are operational. • Remaining collected waste sent to Treatment Plant at Lamdeng, Imphal • Segregated recyclable waste sent to recyclers.

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								Treatment Plant at Lamdeng, Imphal • Segregated recyclable waste is sent to recycler.	• The ULB shall manage to mitigate the gap with intensified IEC on D2D collection, source segregation, mandatory payment of fees for D2D collection etc.
17	Lamlai MC	Lamlai Solid Waste Management Plant	1	1	0	2	0	1. Compost (home + centralized) 2. Source segregation and centralized segregation	• Rigorous IEC activities, encourage home composting, solid waste management site Amuthenga
18	Kakching Khunou MC	Kakching Khunou Municipal Council SWM Site	1.5	2	0	3.5	0.5	• Composting, Manual Segregation & Recycling	• Intensified IEC on Door-to-Door Waste Collection and Source Segregation. Mandatory Submission of Payment Receipts of D2D waste collection at the time of availing any form of service from the Council.
19	Sugnu MC	Sugnu Municipal Council SWM Site	1	1	0	2	0.2	• Composting, Manual Segregation & Recycling	• Intensified IEC on Door-to-Door Waste Collection and Source Segregation. Mandatory Submission of Payment Receipts of D2D waste collection at the time of availing any form of service from the Council.
20	Kumbi MC	Solid waste management processing site ward No. 5 Kumbi Municipal Council	3	2	0	5	1	• Composting	• Intensified IEC on Door-to-Door Waste collection and source segregation Mandatory Submission of payment receipts of D2D waste collection of the time of availing any form of service from the council.
21	Kwakta MC	Kwakta Ward No 8	0.45	1	0	1.45	0.11	• Composting	• Encouraging households on Door-to-Door collection of waste. Segregation of waste at source and campaign for home composting
22	Moirang MC	Solid waste management processing site ward No. 5	4	4	0	8	2	• Composting	• Intensified IEC on Door-to-Door Waste collection and source segregation Mandatory Submission of payment receipts of D2D waste collection of the time of

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		Moirang Municipal Council							availing any form of service from the council.
23	Ningthoukhong MC	Ningthoukhong Municipal Council SWM Site	2	2	0	4	1	Composting & segregation of recyclable waste for onward sale to recyclers	- Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimize waste generation. - Setting up of standalone or cluster-based waste management facility by 30.06.2026. - Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. - Increase of manpower and machinery by 30.06.2026
24	Bishnupur MC	SWM Site	2.5	2.5	0	5	1.7	Composting & segregation of recyclable waste for onward sale to recyclers	- Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimize waste generation. - Setting up of standalone or cluster-based waste management facility by 30.06.2026. - Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. - Increase of manpower and machinery by 30.06.2026
25	Oinam MC	SWM SITE	1	1	0	2	2	Transfer, segregation and composting	Encouraging households to source segregated waste and practice home composting of wet waste / Engaging recyclers for dry waste

PROCESSING / SEGREGATION UNIT / PLANT									
SN	ULB Name	Name of MSW processing unit	Capacity of dry waste processing / segregation unit/plant	Capacity of wet waste processing / segregation unit / plant	Any other processing unit capacity	Installed capacity	Utilization (in TPD)	Type of processing	Action plan to bridge Gap between utilization and installed facility
26	Nambol MC	SWM Site	2.5	2.5		5	1	Composting & segregation of recyclable waste for onward sale to recyclers	- Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimise waste generation. - Setting up of stand-alone or cluster-based waste management facility by 30.06.2026. - Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. - Increase of manpower and machinery by 30.06.2026
27	Jiribam MC	Solid Waste Management Processing Site, Chingdong Leikai, Jiribam	4	8	10	22	2.24	Composting sends back for recycling, MRF	- IEC campaign door to door visit to educate the resident about the importance of Segregation and door to door collection. - Implement a composting machine. - About. 0.08 TPD waste generated from relief camps, Jiribam.
			100.7	107.8	10	218.5	58.75	0	

• Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)	• Planning for upgrade the installed capacity as per required by 2029-30
• No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)	• Existing – Nil • Proposed – 5TPD
• Total No. of wards	• 305 Wards
• No. of wards having door-to-door collection service	• 305 Wards
• No. of wards practicing segregation at source	• 305 Wards

• Details of MSW treatment facilities proposed and under construction:

Sl. No.	Name of ULB or Processing unit	Capacity	Technology	Proposed / under Construction
1	Annexed at Table-3			
	• No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills		• 5 (five) sanitary landfill and 9 controlled dumpsites and 1 (one) uncontrolled dumpsite • Annexure-Table 3	
	• No. and area (in acres) of legacy waste within 1km buffer of both sides of the rivers		• Nil	
	• No. of drains falling into rivers and No. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers		• 1 at Jiribam MC [floating racks/screens installed]	
	• Status of ULB wise Management of Solid waste		• At Annexure – Table -1 and Table -2	

• **Bio-medical Waste Management April 2026:**

Total Bio-medical generation	:	0.98 TPD	• Deep burial practiced at remote rural areas • DPR submitted to ministry for up-gradation of the existing CBMWTF • Action Plan submitted to the State Pollution Control Board by the Directorate Health Service for BMW Management
No. of Hospitals and Health Care Facilities	:	534 Nos. [i/c 420 PHSCs]	
Status of Treatment Facility CBMWTF	:	CBMWTF = 1 No. (Capacity-100 Kg/hr.) Captive Facility = 2 Nos. (Capacities-100 Kg/hr. & 105 Kg/hr.) Deep Burial = 391 Nos.	
Status of Treatment Facility ETPs	:	98 Nos.	

• **Hazardous Waste Management:**

Total Hazardous Waste generation	:	0.99 TPD
No. of Industries generating Hazardous waste	:	334 (automobile service centres mainly micro-scale units)
Treatment Capacity of all TSDFs	:	Nil
Avg. Quantity of Hazardous waste reaching the TSDFs and Treated	:	Nil
Details of on-going or proposed TSDF	:	Under preparation of DPR, Final DPR by 2026

• **Plastic Waste Management:**

Total Plastic Waste generation	:	
Treatment / Measures adopted for reduction or Management of plastic waste	:	
Details of Alternate Treatment Technology being adopted by the State/UT	:	

Identification of including drains contributing to river pollution and action as per NGT order on in-situ treatment	:	
Details of Nodal Officer appointed by Chief Secretary in the State / UT	:	
Details of meetings carried in the State/UT	:	RRC Meeting Held on 15 th April, 2026 for preparation of Action Plans for Rejuvenation and Restoration of Identified Polluted River Stretches in compliance to Hon'ble NGT Orders
Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river	:	
Ground water regulation	:	
Good irrigation practices being adopted by the State	:	
Rainwater Harvesting	:	
Demarcation of Floodplain and removal of illegal encroachments	:	
Maintaining minimum e-flow of river	:	Completed. Enclosed as annexure.
Plantation activities along the rivers	:	Plantations has been undertaken by planting 1,000 Nos. of saplings along 5 Km of the riverbank of Nambul River and another 1,000 saplings along 5 Kms of Khuga River
Development of biodiversity park	:	No Biodiversity Park has been developed so far; However, 2 (two) Biodiversity Parks are under development Namely: 1. Khonghampat Biodiversity Park, Central Forest Division (Approved) 2. Wakha Biodiversity Park, Wakha Leima Ching, Central Forest Division (Approved) (Proposal of 2 biodiversity parks Namely: i. Peter Biodiversity Park ii. Proumai Biodiversity Park)
Reuse of Treated Water	:	
Model River being adopted by the State & Action Proposed for achieving the bathing quality standards	:	
Status of Preparation of Action Plan by the 13 Coastal States	:	
Regulation of Mining Activities in the State / UT	:	The Mines and Mineral (Regulation and Development) Act, 1957 differentiates minerals into (a) major mineral and (b) minor mineral. The mineral administration of mining activities belonging to major minerals vests with the Central Government and are regulated under the Mines and Mineral (Regulation and Development) Act and Rules frame there under. The mineral administration of minor minerals vests with the respective State Governments and are regulated under their respective minor mineral concession Rules framed under section 15(1) of the Act and Rules framed there under. Similarly, in Manipur, the mining activities belonging to minor minerals are regulated under the Manipur Minor Mineral Concession Rules, 2012 and amendments thereon. In order to check illegal mining, to regulate transportation and storage of minor minerals, The Manipur Minerals (Prevention of Illegal Mining, Storage and Transportation) rules, 2018 has also been notified. In addition, The Manipur Mineral Policy 2021 is being framed.
Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring	:	

Annexure - 1

A. Total Status of STPs in Imphal (as on 20th April, 2026)

Particular	Unit	Phase I	Phase II	Completed NRCD Project	Total
Capacity of STP	MLD	27	49	17	93
A. STP at Lamphel by PHED					
Capacity of STP Utilized	MLD	21.59			21.59
Total Sewer Pipe	RM	69,429	2,77,289		3,46,718
Primary (Main Pipe)	RM	25,291			25,291
Secondary (Sub-main Pipe)	RM	44,138			44,138
Targeted Connection septic tank	Unit	9,564	42,190		
Connected septic tank	Unit	8725			8725
Lift Station	Unit	5	21	14	40
Population (by 2054)	Lakh	1,86,534	3,49,759		5,36,293
Covered Municipal Ward	Wards	11	16		
Area covered	Sq. Km.	11	35		
Method of Treatment		ASP	SBR		
B. STP and I & D under Nambul Rejuvenation Project					
16 MLD STP at Heirangoithong Maibam Leikai & 1 MLD STP at Iroishemba					
Interception & Diversion Pipelines	RM			14,545	14,545
No. of urban drains to be collected	Drain			72	72
Lift Station	Unit			4	4
Population (by 2054)	Lakh	-			
Covered Municipal Ward	Wards	-		14	
Area covered	Sq. Km.	-			
Covered Polluted River	Km.	9.14		Nambul P-II	9.14
Method of Treatment		MBBR		MBBR	

Note: Targeted household for Phase I has been decreased from 12,000 Nos. to 9,564 because 2436 household shall be covered in Imphal Sewerage project – Phase II.

Status of utilization of the existing STP:

1 (one) unit of 27 MLD STP (ASP technology) is Operational under PHED

- 69,429 rm sewer pipeline [25,291 rm primary lines, 44.138 rm secondary lines]
- Total target connection is 9,564 households

INCREMENTAL STATUS OF UTILIZATION FOR 27MLD STP AT LAMPHEL PAT, IMPHAL WEST

	Jan 2025	Feb 2025	Mar 2025	April 2025	May 2025	June 2025	July 2025	Aug 2025	Sept 2025	Oct 2025	Cumulative as on 20th April 2026	Gap
Household Connected	8330	8500	8520	8540	8560	8600	8620	8640	8660	8680	8725	839
Utilization in MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	5.41 MLD
Utilization in %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %	20.02 %
	Nov 2025	Dec 2025	Jan 2026	Feb 2026	Mar 2026	Apr 2026						
Household Connected	8690	8700	8705	8710	8720	8725						
Utilization in MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD	21.59 MLD						
Utilization in %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %	79.98 %						

B. In-situ Bioremediation and others:

	Name of the Polluted River (P-V)	Total Length of the River	Length of Polluted stretches	BOD Range (mg/l)	Population at polluted zone	Status / Proposed for Treatment
1	Imphal	89.24 km	19.98 km	2.9 - 3.1	84,857	• Executing started for “ Imphal River along with Faecal Sludge and Septage Management (FSSM) for 315 KLD at 27 ULBs and in situ treatment through Bioremediation of 16.75 MLD ”
2	Iril	156.50 km	18.12 km	2.8 - 3.0	1,714	
3	Khuga	79.25 km	10.92 km	2.0 – 3.0	857	
4	Khujairok	10.06 km	4.21 km	3.2	4,286	
5	Lokchao/ Thongjaorok	17.04 km	5.31 km	3.0	1,143	
6	Manipur	261.00 km	35.00 km	3.1	7,143	
7	Thoubal	142.80 km	24.61 km	2.8	30,286	
8	Wangjing	35.08 km	3.70 km	3.1 - 3.2	7,143	

Note:

ASP (Activated Sludge Process), EAP (Extended Aeration Process),
SBR (Sequencing Batch Reactor), MBBR (Moving Bed Biofilm Reactor)

	FORMAT FOR SEWAGE TREATMENT PLANTS AND UTILIZATION OF SEWAGE (20th April, 2026)															
Sl. No.	City / Town	No. of STP	Location of STP	Coordinates of STP	STP Commissioned year	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (In MLD)	Actual Utilization of installed capacity (In MLD)	Technology UASB / ASP / OP / SBR / MBBR / FAB etc.		Compliance Status Source: Manipur Pollution Control Board					
											Oil & Grease	pH	TSS mg/l	COD mg/l	BOD mg/l	Faecal Coliform (/100ml)
1	Imphal	1	Lamphel	24°49'45"N 93°54'58'E	2020	Operational	27	21.59 MLD	ASP	Inlet	8.9	7.1	128	320	34.6	180
										Outlet	2.7	7.3	33	42	10.8	120

	FORMAT FOR SEWAGE TREATMENT PLANTS AND UTILIZATION OF SEWAGE AT 16 MLD HEIRANGOITHONG MAIBAM LEIKAI (20 th APRIL 2026)															
Sl. No.	City / Town	No. of STP	Location of STP	Coordinates of STP	STP Commissioned year	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity (In MLD)	Actual Utilization of installed capacity (In MLD)	Technology UASB / ASP / OP / SBR / MBBR / FAB etc.		Compliance Status Source: Manipur Pollution Control Board					
											Oil & Grease	pH	TSS mg/l	COD mg/l	BOD mg/l	Faecal Coliform (/100ml)
1	Imphal	2	Heirangoithong	24.771997° 93.927133°	2024	Operational	16 MLD	7.5 MLD	MBBR	Inlet	-	7.4	395	89.6	36.49	2400
										Outlet	-	6.3	197	6.4	1.82	0

TABLE 1: SOLID WASTES GENERATION, COLLECTION AND MANAGEMENT - ULB WISE IN MANIPUR, APRIL, 2026

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap $[(\text{Gen-Man})/\text{Gen}] \times 100$	
1	Imphal MC	2,68,243	3,68,797	165.96	130.00	100.00	30.00	28.00	58.00	7.96	107.96	65	1. More awareness and behavioral change campaign required. 2. Increase in Manpower with magisterial authority 3. Machinery upgradation (Outdated Machines still in use) 4. Linking of other Municipal Services to the garbage collection enrolment 5. Setting up of Waste Management Plant for other LBs (Urban and Rural) as most of them bring their waste to Imphal (Lamdeng) waste management plant."
2	Lamshang MC	8,130	11,178	3.35	1.30	1.00	1.30	1.40	2.70	0.65	0.65	19	1. Construction of additional Material Recovery Facility and composting pits 2. Capacity Building in terms of men and machineries. 3. Linking door-to-door collection of waste subscription to municipal services. 4. Awareness of Single Use Plastics and benefits of RRR (Reduce, Reuse and Recycle) ways of waste management.
3	Samrouh MC	14,818	20,373	6.11	4.00	0.00	0.00	2.05	2.05	0.06	4.06	66	1. Allotment of SWM land. 2. IEC campaign and promotion for Home Composting at

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap $[(\text{Gen-Man})/\text{Gen}] \times 100$	
													Household levels. 3. The Council has no suitable land for Solid waste management plant and processing. 4. As such the Council focus more on small composting units of biodegradable waste. Linking of Services and Schemes with door-to-door collection of waste.
4	Thongkhong Laxmi MC	14,878	20,455	6.14	1.40	3.50	1.26	3.60	4.86	1.14	1.28	21	- In terms of Ward-wise, Region-wise, Area-wise, Leikai-wise, Leirak-wise coverage of D2D collection, there is 100% coverage of D2D, but households wise 85%. - More awareness and behavioral change campaign required. - Increase of manpower with magisterial authority to enable ULB to enforce the SWM Byelaws strictly & adding of required machinery. - The recently allotted land is a low-lying area with perennial water. Land needs to be developed first & Construction of Solid Waste processing structure and installation of solid waste processing machineries needed after development of the land which requires huge investment. - Till the development of the allotted land, after selling segregated plastic bottles &

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap $[(\text{Gen-Man})/\text{Gen}] \times 100$	
													cardboard boxes only at Council level, the remaining collected waste is transferred to Lamdeng SWM Plant on regular basis on payment of tipping fee for further processing.
5	Sekmai MC	5,065	6,964	2.09	1.20	0.55	1.20	0.40	1.60	0.49	0.49	23	1. Construction of additional Material Recovery Facility and composting pits 2. Capacity Building in terms of men and machineries. 3. Linking door-to-door collection of waste subscription to municipal services. 4. Awareness on Single Use Plastics and benefits of RRR (Reduce, Reuse and Recycle) ways of waste management, etc.
6	Lilong IW MC	12,427	17,085	5.13	1.10	2.00	0.90	3.40	4.30	0.63	0.83	16	1. More awareness and behavioral change campaign required. 2. Increase in Manpower with magisterial authority 3. Machinery upgradation 4. Linking of other Municipal Services to the garbage collection enrolment 5. More vehicles for transportation at Lamdeng waste management plant.
7	Wangoi MC	9,106	12,519	3.76	1.45	0.00	0.60	1.78	2.38	0.53	1.38	37	• More rigorous awareness and behavioral change campaign • Increase of manpower and machinery by 30.06.2026

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap $[(\text{Gen-Man})/\text{Gen}] \times 100$	
													- Allotment of SWM land by 30.06.2026 - Setting up a Solid Waste Management & Processing Facility of its own.
8	Thoubal MC	45,947	63,171	18.95	9.80	30.00	8.70	7.20	15.90	1.95	3.05	16	- Encouraging source segregation and home composting through IEC activities. - Engaging more manpower in Waste Management Plant. Currently, we have increased numbers of waste pickers from the locality. - Door-to-door collection aligned to Municipal Services.
9	Yairipok MC	9,569	13,156	3.95	1.60	0.50	0.05	2.00	2.05	0.35	1.90	48	- Increase awareness programmes throughout the wards of the Municipality - Sent to Thoubal Cluster waste processing site
10	Andro MC	8,744	12,022	3.61	0.90	2.00	0.81	2.10	2.91	0.61	0.70	19	- Plant to fill up the gap by 31.03.2026 through: - Increasing IEC on Door-to-Door waste collection & Source segregation, - Increase in manpower, - Engagement of recyclers, - Encouraging home composting, - Capacity building in terms of man & machinery.
11	Sikhong Sekmai MC	7,390	10,160	3.05	0.56	2.00	0.56	1.50	2.06	0.99	0.99	32	Increase awareness programmes throughout the wards of the Municipality
12	Lilong TBL MC	22,888	31,468	9.44	2.74	2.00	2.74	4.70	7.44	2.00	2.00	21	1. More awareness and behavioral change campaign required.

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap $[(\text{Gen-Man})/\text{Gen}] \times 100$	
													2. Increase in Manpower with magisterial authority 3. Machinery upgradation (Outdated Machines still in use) 4. Linking of other Municipal Services to the garbage collection enrolment 5. Setting up of Waste Management Plant for other LBs (Urban and Rural) as most of them bring their waste to Imphal (Lamdeng) waste management plant."
13	Heirol MC	2,974	4,089	1.23	0.50	2.00	0.10	0.59	0.69	0.14	0.54	44	More composting pits, increase in manpower, awareness drives and engagement of recyclers and encouraging home composting.
14	Wangjing Lamding MC	8,055	11,075	3.32	0.98	2.00	0.40	1.70	2.10	0.64	1.22	37	increasing home composting, more compost pits, awareness on source segregation, engage more recyclers
15	Kakching MC	32,138	44,185	13.26	8.63	0.00	3.82	4.01	7.83	0.62	5.43	41	- Intensified IEC on Door-to-Door Waste Collection and Source Segregation. - Mandatory Submission of Payment Receipts of D2D waste collection at the time of availing any form of service from the Council.
16	Mayang Imphal MC	24,239	33,325	10.00	6.00	11.00	5.40	3.31	8.71	0.69	1.29	13	1. Treatment Plant, Composting Pits and MRF are operational. 2. Remaining collected waste sent to Treatment Plant at Lamdeng, Imphal

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap [(Gen-Man)/Gen]x100	
													3. Segregated recyclable waste sent to recycler. (IV) The ULB shall manage to mitigate the gap with intensified IEC on D2D collection, source segregation, mandatory payment of fees for D2D collection etc.
17	Lamlai MC	4,601	6,326	1.90	1.00	2.00	0.16	0.65	0.81	0.25	1.09	57	Rigorous IEC activities, encourage home composting, solid waste management site Amuthenga
18	Kakching Khunou MC	11,379	15,645	4.69	1.30	3.50	1.17	2.60	3.77	0.79	0.92	20	Intensified IEC on Door-to-Door Waste Collection and Source Segregation. Mandatory Submission of Payment Receipts of D2D waste collection at the time of availing any form of service from the Council.
19	Sugnu MC	5,132	7,056	2.12	0.88	2.00	0.80	0.90	1.70	0.34	0.42	20	Intensified IEC on Door-to-Door Waste Collection and Source Segregation. Mandatory Submission of Payment Receipts of D2D waste collection at the time of availing any form of service from the Council.
20	Kumbi MC	9,546	13,124	3.94	2.51	5.00	1.33	1.26	2.59	0.17	1.35	34	Intensified IEC on Door-to-Door Waste collection and source segregation Mandatory Submission of payment receipts of D2D waste collection of the time of availing any form of service from the council.
21	Kwakta MC	8,579	11,795	3.54	2.14	1.45	0.11	0.90	1.01	0.50	2.53	71	Encouraging households on Door-to-Door collection of

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap $[(\text{Gen-Man})/\text{Gen}] \times 100$	
													waste. Segregation of waste at source and campaign for home composting
22	Moirang MC	19,893	27,350	8.21	5.40	8.00	3.72	2.09	5.81	0.72	2.40	29	Intensified IEC on Door-to-Door Waste collection and source segregation Mandatory Submission of payment receipts of D2D waste collection of the time of availing any form of service from the council.
23	Ningthoukhong MC	13,078	17,980	5.39	4.00	4.00	1.80	1.00	2.80	0.39	2.59	48	- Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimise waste generation. - Setting up of stand-alone or cluster-based waste management facility by 30.06.2026. - Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. - Increase of manpower and machinery by 30.06.2026
24	Bishnupur MC	12,167	16,728	5.02	3.50	5.00	1.70	1.10	2.80	0.42	2.22	44	- Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimise waste generation. - Setting up of stand-alone or cluster-based waste

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap [(Gen-Man)/Gen]x100	
													management facility by 30.06.2026. 3. Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. 4. Increase of manpower and machinery by 30.06.2026
25	Oinam MC	7,161	9,845	2.95	2.00	2.00	0.90	0.45	1.35	0.50	1.60	54	Encouraging households to source segregate waste and practice home composting of wet waste / Engaging recyclers for dry waste
26	Nambol MC	22,512	30,951	9.29	4.50	5.00	1.00	4.20	5.20	0.59	4.09	44	1. Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimise waste generation. 2. Setting up of stand-alone or cluster-based waste management facility by 30.06.2026. 3. Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. 4. Increase of manpower and machinery by 30.06.2026

No.	Name of ULB	Population		Solid Waste Generated (MTD)	Waste Collected (TPD)	Total waste processing facility capacity (TPD)	Managed/Treated (in TPD)			Gap between Generate and (Collected + Managed at source)	Gap in Managed		Plan to mitigate the gap between generations of wastes vs collection, Managed / treated and Remarks
		2011 Census	2025 Projected				Processed/treated at waste Management plant/site	Managed / processed at source	Total Management		Man-Gap (wrt generation) [Gen-Man] TPD	In % Gen-Man Gap $[(\text{Gen-Man})/\text{Gen}] \times 100$	
27	Jiribam MC	7,343	10,096	3.03	2.44	22.00	2.24	0.45	2.69	0.14	0.34	11	1. IEC campaign door to door visit to educate the resident about the importance of Segregation and door to door collection. 2. Implement a composting machine. 3. About. 0.08 TPD waste generated from relief camps, Jiribam.
Total		6,16,002	8,46,918	309.39	201.83	218.50	72.77	83.34	156.11	48.55	153.28	35	

TABLE 2 : SOLID WASTES GENERATION, COLLECTION AND MANAGEMENT – WARDWISE OF ULBs IN MANIPUR, APRIL, 2026

Sl. No.	Name of ULB	Total Wards	Door-to-door (D2D) Collection		Segregated at source		Land Available in Acre	Type of processing unit	Plan to mitigate the gap generation and Management
			No. of Wards	In %	No. of Wards	in % (Household)			
1	Imphal MC	27	27	60	27	10	45	Windrow Composting for Wet Waste & Mechanical Segregation for Dry waste	In terms of Ward-wise, Region-wise, Area-wise, Leikai-wise, Leirak-wise coverage of D2D collection, there is 100% coverage of D2D, but households wise 60%.
2	Lamshang MC	9	9	73	9	72	0	Aerobic composting and manual segregation of dry waste	- Construction of additional Material Recovery Facility and composting pits. - Capacity Building in terms of men and machineries. - Linking door-to-door collection of waste subscription to municipal services. - Awareness on Single Use Plastics and benefits of RRR (Reduce, Reuse and Recycle) ways of waste management, etc.
3	Samurou MC	11	11	86	11	65	0	Manual segregation/sale of recyclable waste	- Allotment of SWM land. - Construction of Segregation Sheds and more composting pits. - Purchase of machinery, engage more sanitary workers. - More awareness and behavioral change campaign.
4	Thongkhong Laxmi MC	11	11	85	11	55	2.5	Aerobic composting/ manual segregation/ recycling shed cum transfer station.	- In terms of Ward-wise, Region-wise, Area-wise, Leikai-wise, Leirak-wise coverage of D2D collection, there is 100% coverage of D2D, but households wise 85%. - More awareness and behavioral change campaign required. - Increase of manpower with magisterial authority to enable ULB to enforce the SWM Byelaws strictly & adding of required machinery. - The recently allotted land is a low-lying area with perennial water. Land needs to be developed first & Construction of Solid Waste processing structure and installation of solid waste processing machineries needed after development of the land which requires huge investment. - Till the development of the allotted land, after selling segregated plastic bottles & cardboard boxes only at Council level, the remaining collected waste is transferred to Lamdeng SWM Plant on regular basis on payment of tipping fee for further processing.
5	Sekmai MC	9	9	55	9	70	0	Aerobic Composting, sale of recyclable waste to recyclers	- Capacity building in terms of men and machinery to increase door-to-door collection. - Construction of more compost pits to increase wet waste processing. - Follow up for allotment of land for solid waste processing, already applied in 2023.

Sl. No.	Name of ULB	Total Wards	Door-to-door (D2D) Collection		Segregated at source		Land Available in Acre	Type of processing unit	Plan to mitigate the gap generation and Management
			No. of Wards	In %	No. of Wards	in % (Household)			
									4. Purchase of a bale pressor machine to improve storage of plastic waste, which is otherwise non-recyclable. 5. Concerted efforts to bring about behavioral change in public with the help of local clubs and SHGs.
6	Lilong IW MC	9	9	85	9	65	1 (private land on lease basis)	Aerobic Pit Composting for WET waste & Mechanical Segregation for DRY Waste & Mixed waste	1. More awareness and behavioural change campaign required. 2. Increase in Manpower with magisterial authority 3. Machinery upgradation 4. Linking of other Municipal Services to the garbage collection enrolment. 5. More vehicles for transportation at Lamdeng waste management plant.
7	Wangoi MC	9	9	83	9	71	land not yet allotted	Segregation shed cum transfer station	- More rigorous awareness and behavioural change campaign - Increase of manpower and machinery by 30.06.2026 - Allotment of SWM land by 30.06.2026 - Setting up of a Solid Waste Management & Processing Facility of its own.
8	Thoubal MC	18	18	83	18	75	6.7	Aerobic Pit Composting for WET waste & Mechanical Segregation for DRY Waste & Mixed waste	Involvement of waste pickers in the plant brought huge recovery of recyclable materials. Utilization of shredders has added speed and quality in the work. Carrying out IEC activities in the ward level on source segregation and home composting. Door to door collection aligned to various Municipal Services.
9	Yairipok MC	9	9	65	9	5	5	Aerobic Pit Composting for WET Waste & mechanical Segregation Dry Waste & Mixed Waste	- Engagement of recyclers. Intensified Awareness on Source Segregation. Manual Segregation and Composting to mitigate the gap of Generation and Management. - Treatment facility at Thoubal Cluster
10	Andro MC	12	12	85	12	80	0.96	Composting Manual Segregation & Recycling	Treatment at Thoubal Khunou (Cluster B) More manpower, engagement of recyclers, encouraging source segregation and composting
11	Sikhong Sekmai MC	9	9	100	9	70	0.62	MRF (Material Recovery Facility) and Composting pit	- Currently, there is hardly any gap between waste generation and processing. However, the ULB shall focus on the following: - Increasing IEC on D2D waste collection & source segregation, - Increase in manpower, - Engagement of recyclers, - Encouraging home composting, - Capacity building in terms of man & machinery.

Sl. No.	Name of ULB	Total Wards	Door-to-door (D2D) Collection		Segregated at source		Land Available in Acre	Type of processing unit	Plan to mitigate the gap generation and Management
			No. of Wards	In %	No. of Wards	in % (Household)			
12	Lilong TBL MC	8	8	100	8	70	0.5	Aerobic Pit Composting for WET waste & Mechanical Segregation for Dry Waste & Mixed waste	- More rigorous awareness and behavioral change campaign - Increase of manpower and machinery by 30.06.2026 - Allotment of SWM land by 30.06.2026 - Setting up a Solid Waste Management & Processing Facility of its own.
13	Heirok MC	9	9	80	9	90	1.46	Transfer cum Segregation shed and Composting Unit	More composting pits, increase in manpower, awareness drives and engagement of recyclers and encouraging home composting.
14	Wangjing Lamding MC	9	9	87	9	71	1.46	Transfer cum Segregation shed and Composting Pit.	More composting pits, increase in manpower, awareness drives and engagement of recyclers and encouraging home composting.
15	Kakching MC	12	12	94	12	91	2	Composting, Manual Segregation & Recycling	Engagement of recyclers. Intensified Awareness on Source Segregation. Manual Segregation and Composting to mitigate the gap of Generation and Management
16	Mayang Imphal MC	13	13	85	13	70	1.2	- Treatment Plant - Composting Pits-MRF/segregation sheds. - Remaining collected waste sent to Treatment Plant at Lamdeng, Imphal - Segregated recyclable waste is sent to recycler.	- Treatment Plant, Composting Pits and MRF are operational. - Remaining Collected waste sent to Treatment Plant at Lamdeng, Imphal - Segregated recyclable waste sent to recycler. - The ULB shall manage to mitigate the gap with intensified IEC on D2D collection, source segregation, mandatory payment of fees for D2D collection etc.
17	Lamlai MC	9	9	65	9	35	0.625	- Compost (home + centralized) - Source segregation and centralized segregation	- Intensive IEC - Treatment facilities at Lamdeng (Waste to energy plant) - Encourage home composting. - Manpower and machinery
18	Kakching Khunou MC	9	9	80	9	65	2	Composting, Manual Segregation & Recycling	Engagement of recyclers. Intensified Awareness on Source Segregation. Manual Segregation and Composting to mitigate the gap of Generation and Management
19	Sugnu MC	9	9	70	9	54	1	Composting, Manual Segregation & Recycling	Engagement of recyclers. Intensified Awareness on Source Segregation. Manual Segregation and Composting to mitigate the gap of Generation and Management
20	Kumbi MC	9	9	100	9	50	0.52	Composting	Engagement of recycler Intensified Awareness on Source Segregation Manual Segregation and Composting to mitigate the gap of Generation and Management
21	Kwakta MC	9	9	65	9	35	0.625	Composting	Transfer, segregation and composting

Sl. No.	Name of ULB	Total Wards	Door-to-door (D2D) Collection		Segregated at source		Land Available in Acre	Type of processing unit	Plan to mitigate the gap generation and Management
			No. of Wards	In %	No. of Wards	in % (Household)			
22	Moirang MC	12	12	100	12	45	5.1	• Composting	• Requested DC to allot land Rigorous IEC campaign to be hold for source Segregation.
23	Ningthoukhong MC	14	14	70	14	70	1.31	• Composting & segregation of recyclable waste for onward sale to recyclers	1. Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimize waste generation. 2. Setting up of stand-alone or cluster-based waste management facility by 30.06.2026. 3. Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. 4. Increase of manpower and machinery by 30.06.2026
24	Bishnupur MC	12	12	75	12	75	5	• Composting & segregation of recyclable waste for onward sale to recyclers	1. Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimize waste generation. 2. Setting up of stand-alone or cluster-based waste management facility by 30.06.2026. 3. Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. 4. Increase of manpower and machinery by 30.06.2026
25	Oinam MC	9	9	52	9	48	0.625	• Transfer, segregation and composting	• More rigorous awareness and behavioral change campaign. • Increase of machinery by 30.09.2026. • Completing of Solid Waste Management & Processing Facility by 31.12.2026
26	Nambol MC	18	18	70	18	70	3.21	• Composting & segregation of recyclable waste for onward sale to recyclers	1. Extensive mass awareness campaign for the public to adopt the "3Rs" of waste management and minimize waste generation. 2. Setting up of stand-alone or cluster-based waste management facility by 30.06.2026. 3. Onward transport of segregated dry waste left after sale of recyclable plastic bottles and cardboards from the ULB waste storage site to Lamdeng Waste Management Plant after its capacity augmentation. 4. Increase of manpower and machinery by 30.06.2026
27	Jiribam MC	10	10	86	10	80	6.02	• Composting send back for recycling, MRF	1. IEC campaign door to door visit to educate the resident about the importance of Segregation and door to door collection.
Total		304	304	79	304	61			
In Percentage-Ward coverage			100%		100%				

SI No.	Name of ULB or Name of Processing Unit	Processing unit Under Construction		Uncontrolled Dumpsite		Controlled Dumpsite		Sanitary Landfill		Area of Legacy waste within 1 km buffer of the river	Drains falling into river having floating racks/screen
		Capacity TPD	Technology	No.	Area (Acre)	No.	Area (Acre)	No.	Area (Acre)		
13	Heirok MC	0.2	Manual Segregation and Composting (Aerobic method)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
14	Wangjing Lamding MC	0.3	Manual segregation and composting (aerobic method)	Nil	Nil	1	0.16	Nil	Nil	Nil	Nil
15	Kakching MC	0	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
16	Mayang Imphal MC	8	Manually Segregation, Recycling and Aerobic Composting	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
17	Lamlai MC	1	Aerobic Composting	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
18	Kakching Khunou MC	0	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
19	Sugnu MC	0	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
20	Kumbi MC	4	Mechanical, Composting and recovery of reusable waste	Nil	Nil	1	0.12	Nil	Nil	Nil	Nil
21	Kwakta MC	0.45	Manual segregation and composting / aerobic	NIL	NIL	1	5.1	Nil	Nil	Nil	Nil
22	Moirang MC	4	Mechanical, Composting and recovery of reusable waste	Nil	Nil	1	5.1	Nil	Nil	Nil	Nil
23	Ningthoukhong MC	Nil	Nil	Nil	Nil	1	1.31	Nil	Nil	Nil	Nil
24	Bishnupur MC	Nil	Nil	Nil	Nil	1	2.5	Nil	Nil	Nil	Nil
25	Oinam MC	0.5	Manual Segregation and Composting/ aerobic	Nil	Nil	1	0.4	Nil	Nil	Nil	Nil

SI No.	Name of ULB or Name of Processing Unit	Processing unit Under Construction		Uncontrolled Dumpsite		Controlled Dumpsite		Sanitary Landfill		Area of Legacy waste within 1 km buffer of the river	Drains falling into river having floating racks/screen
		Capacity TPD	Technology	No.	Area (Acre)	No.	Area (Acre)	No.	Area (Acre)		
26	Nambol MC	Nil	Nil	Nil	Nil	1	1	Nil	Nil	Nil	Nil
27	Jiribam MC	0	0	Nil	Nil	Nil	Nil	1	1.72	Nil	1
	Total	24.95		0		11		2			

STATUS OF WATER QUALITY OF POLLUTED RIVERS**Remark :**

Manipur Pollution Control Board has been conducting monthly water quality analysis of the polluted rivers. The monthly water quality data of the polluted rivers will be reported during 1st week of next month i. e. Report for November will get on 1-10th December. Therefore, Water Quality Report for November will be reproduced in the MPR of December.

Water Quality of the Imphal, Iril, Manipur, Thoubal, Wangjing, Khuga, Khujairok, Lokchao, Nambul, Waisel Maril & Moirang Rivers and Effluent of Sewage Treatment Plant, Langol
for the month of April, 2026

1. Imphal River

Location	DO	pH	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Koirengei	7.2	7.3	3.2	8.9	55
Minutrhong	7.1	7.2	3.3	10.2	65
Mahabali	7.1	7.2	3.3	10.4	65

2. Iril River

Location	DO	pH	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Kangla Siphai	7.3	7.4	3.1	9.6	50
Porompat	7.3	7.3	3.1	9.8	60
Lilong	7.2	7.2	3.3	10.6	55

3. Manipur River

Location	DO	pH	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Yairipok	7.2	7.3	3.3	10.8	55
Sekmajing	7.4	7.4	3.2	10.3	60
Ithai	7.4	7.3	3.3	10.6	70

4. Wangjing River

Location	DO	pH	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Heirolk	7.2	7.2	3.4	11.3	55
Wangjing	7.2	7.3	3.3	10.8	60

5. Lokchao River, Bishnupur

Location	DO	pH	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Lokchao Bridge near Bishnupur Bazar	7.2	7.2	3.3	10.5	45

6. Nambul River

Location	DO	pH	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Samushang	6.8	7.1	4.5	14.4	110
Niloremthong	6.6	7.1	4.3	14.2	95
Hump Bridge	5.8	7.1	4.4	15.6	210
Heirangoithong	5.9	7.0	4.3	14.8	215

7. Kongba River

Location	DO	Ph	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Kongba Eranpham	6.0	7.1	4.5	14.5	130
Kongba Erong	6.2	7.2	4.2	14.0	105

8. Waisel Maril

Location	DO	pH	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Meijrao Bridge, Hiyangthang	6.1	7.1	4.4	14.6	140
Kha Sangenbam Mayai Leikai	7.1	7.2	4.4	14.2	100

9. Moirang River

Location	DO	pH	BOD mg/L	COD mg/L	Fecal Coliform (MPN/100ml)
Laikhurembi, Moirang Bazar	7.1	7.2	3.6	10.8	65

10. Sewage Treatment Plant Effluent

Location		Oil & Grease (mg/L)	pH	TSS mg/L	BOD mg/L	COD Mg/l	Fecal Coliform (MPN/100ml)
Langol	Outlet	2.7	7.3	33	10.8	42	120
	Inlet	8.9	7.1	128	34.6	320	180

FOREST DEPARTMENT, MANIPUR



MONTHLY PROGRESS STATUS OF TARGETED ACTION PLAN FOR REJUVINATION 18(EIGHTEEN) POLLUTED STRETCHES OF RIVER PRIORITY - V TILL THE MONTH OF APRIL, 2026

Action	Eighteen Polluted River Stretches	Plantation Status		Status of Soil & Moisture Conservation Measures						Springshed Intervention		Remark
		Intervention during 2026-27 (plantation area in hectare) till the month of April, 2026	Cumulative achievement till the month of April, 2026	Intervention during 2026-27 till the month of April, 2026			Cumulative achievement till the month of April, 2026			Intervention during 2026-27 (in Nos) till the month of April, 2026	Cumulative achievement till the month of April, 2026	
				Trenches/ CCT/SCT /etc. (in Ha)	Check Dam (Brushwood Dam/Masonry/etc.) (in Nos)	Gabion structures (in Nos)	Trenches/ CCT/SCT/etc. (in Ha)	Check Dam (Brushwood Dam/Masonry/etc.) (in Nos)	Gabion structures (in Nos)			
F. Maintaining minimum e-flow of river	BARAK (Priority – V)	25	684	-	-	-	-	-	-	-	-	
	CHAKPI (Priority – V)	0	125	-	-	-	-	-	-			
	IMPHAL (Priority – V)	0	436.55	-	-	-	-	-	-			
	IRIL (Priority – V)	0	1477.44	-	-	-	-	-	-			
	KHUGA (Priority – V)	0	1032.2	-	-	-	-	-	-			

[illegible]

ACTION PLAN FOR IMPROVEMENT OF e-FLOW AND ESTABLISHMENT OF BIODIVERSITY PARK BY FOREST DEPARTMENT, GOVERNMENT OF MANIPUR

A. TENTATIVE PLANTATION TARGET FOR THE YEAR 2026-27

Sl. No.	River Stretch	Plantation activity in Hac	Status	Office of Forest Department responsible for the work	Time Frame for completion
1.	BARAK (Priority – V)	742.5	Proposed under State Plan fund, GIM & CAMPA	DFO Jiribam, DFO Kangpokpi, DFO Tamenglong & DFO Senapati	31.03.2027
2.	CHAKPI (Priority – V)	85	Proposed under State Plan fund, CAMPA, GIM & NBM	DFO Chandel	31.03.2027
3.	IMPHAL (Priority – V)	150	Proposed under State Plan fund & CAMPA	DFO, Central & DFO Kangpokpi	31.03.2027
4.	IRIL (Priority – V)	405	Proposed under State Plan fund, GIM & CAMPA	DFO, Central, DFO Kangpokpi, DFO Thoubal & DFO Senapati	31.03.2027
5.	KHUGA (Priority – V)	195	Proposed under Campa, State Plan fund & GIM	DFO Churachandpur	31.03.2027
6.	KHUJAIROK (Priority – V)	10	Proposed under State Plan fund	DFO Wildlife	31.03.2027
7.	IJEL (Priority – V)	85	Proposed under CAMPA & GIM	DFO Noney	31.03.2027
8.	MAHA (Priority – V)	100	Proposed under State Plan fund, CAMPA, GIM & NBM	DFO Chandel	31.03.2027
9.	MANIPUR (Priority – V)	-	-	-	31.03.2027
10.	NAMBUL (Priority – V)	160	Proposed under KfW	DFO Central & DFO Kangpokpi	31.03.2027
11.	SEKMAI (Priority – V)	35	Proposed under CAMPA	DFO Thoubal	31.03.2027
12.	THOUBAL (Priority – V)	1880.68	Proposed under State Plan fund, GIM, KfW & CAMPA	DFO Kamjong, DFO Thoubal & DFO Ukhul	31.03.2027
13.	WANGJING (Priority – V)	20	Proposed under State Plan	DFO Thoubal	31.03.2027
14.	KONGBA (Priority – V)	-	-	-	31.03.2027
15.	LEIMAKHONG (Priority – V)	-	-	-	31.03.2027
16.	TUPUL (Priority – V)	10	Proposed under GIM	DFO Noney	31.03.2027
17.	THONGJAOROK (Priority – V)	23	Proposed under State Plan fund & CAMPA	DFO Bishnupur	31.03.2027
18.	IRANG (Priority – V)	10	Proposed under State Plan fund	DFO Kangpokpi	31.03.2027

B. SOIL AND MOISTURE CONSERVATION MEASURES PROPOSED UNDER VARIOUS SCHEME

Sl. No.	Name of River Stretch	Trenches/CCT/SCT/ etc. (in Ha)	Check Dam (Brushwood Dam/Masonry/etc.) (in Nos)	Gabion structures (in Nos)	Water Trough (in Nos)	Misc
1.	BARAK (Priority – V)	12.14	10	-	-	-
2.	CHAKPI (Priority – V)	-	10	8	-	-
3.	IMPHAL (Priority – V)	-	-	-	-	-
4.	IRIL (Priority – V)	6	-	-	-	-
5.	KHUGA (Priority – V)	-	-	-	-	-
6.	KHUJAIROK (Priority – V)	-	-	-	-	-
7.	IJEI (Priority – V)	-	-	-	-	-
8.	MAHA (Priority – V)	-	12	10	-	-
9.	MANIPUR (Priority – V)	-	-	-	-	-
10.	NAMBUL (Priority – V)	-	-	-	-	-
11.	SEKMAI (Priority – V)	-	-	-	-	-
12.	THOUBAL (Priority – V)	406	284	-	-	-
13.	WANGJING (Priority – V)	-	-	-	-	-
14.	KONGBA (Priority – V)	-	-	-	-	-
15.	LEIMAKHONG (Priority – V)	-	-	-	-	-
16.	TUPUL (Priority – V)	-	-	-	-	-
17.	THONGJAORO K (Priority – V)	-	-	-	-	-
18.	IRANG (Priority – V)	-	-	-	-	-

C. SPRINGSHED INTERVENTION

Sl. No.	Name/Location	Proposed Intervention (Plantation, SMC, etc.)	Office of Forest Department responsible for the work	Targeted date of completion	Status
1.	Luihoi Molcham	Plantation & SMC Works	DFO Churachandpur	31.03.2027	
2.	Tuitengjang	Plantation & SMC Works	DFO Churachandpur	31.03.2027	
3.	Phaiton	Plantation & SMC Works	DFO Jiribam	31.03.2027	
4.	Kasom Khullen	Plantation & SMC Works	DFO Kamjong	31.12.2026	
5.	Hengbung	Plantation & SMC Works	DFO Kangpokpi	31.12.2026	
6.	Langthabal Khunou	Plantation, SMC Works, etc.	DFO Thoubal	31.03.2027	
7.	Nungshong Khunou	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
8.	Nungshong Khullen	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
9.	Hoomi	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
10.	Lamling	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
11.	Lungshang Chingka	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
12.	Shangching	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
13.	Shangshak Phunghon	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
14.	Hatha	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
15.	Phalee	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
16.	Ringui	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
17.	Shirui	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
18.	Sirarakhong	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
19.	Langdang	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
20.	Shokvao	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
21.	Hungpung khapai rashon	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
22.	Ramva	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
23.	Tashar	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
24.	Talui	Plantation & SMC Works	DFO Ukhrul	30.03.2027	
25.	Phitokhuphi	Plantation & SMC Works	DFO Senapati	31.10.2026	
26.	CL19 – Lambung for Chakpi River	SMC works with Contour Trenching over 20 Ha	DFO Chandel	31.08.2026	
27.	CL 30 – Liwa Sharei for Maha River	SMC works with Contour Trenching over 18 Ha	DFO Chandel	31.08.2026	

D. PROPOSED BIODIVERSITY PARK

Sl. No.	Name of the Proposed Biodiversity Park	Proposed location of the Biodiversity Park	Remark
1.	-	-	-