

**COMPLIANCE STATUS REPORT FOR 2nd QUARTER (JUL-SEPT), 2021-22 ON THE
DIRECTION OF THE HON'BLE NGT ORDER IN THE MATTER OF O.A 606/2018**

Sl. No	Questions	Status
1	Numbers of ULBs	ULB : 1(Aizawl Municipal Corporation) District Capitals : 10 (no ULB existed)
2	Over all waste management status in district	<p>Aizawl: The Aizawl Municipal Corporation (AMC) takes cares of wastes management in Aizawl while the UD & PA Department manages wastes in the rest of the census towns within the district. A Solid wastes management Centre comprising of Engineered Landfill, Composting (Vermi & mechanical Compost) and Resource Recovery Centres is in operation in Aizawl. Three more sites have also been identified within the City. The dumpsites at Tuirial have been closed since December 2020 and remediation of the site is in progress.</p> <p>Other District Capitals : Sites are identified in all census towns. Under the chairmanship of the State's Chief Secretary, a monthly review meeting is conducted with all Deputy Commissioners through Video Conferencing which emphasize expansion of area dedicated for wastes management in some towns in view of future expansion. Vermi compost centres and Waste Resource Management Centre or Material Recovery Facilities have been constructed in all towns while Engineered Landfill is proposed for two towns viz Lunglei and Kolasib town which are the most populous town after Aizawl, the State's Capital. Environmental Clearance for the two is being sought from SEIAA, Mizoram. Under the initiatives taken by the State's UD & PA Department and the AMC, cleanliness competition is being conducted every year. The competition is made at District Level and town level and the government offices/institutions under separate category. A group of experts constituted by the Department of UD & PA which comprises experts from the UD & PA Department, Information & Public Relations Department, Mizoram Pollution Control Board and Central Young Mizo Association (CYMA), the largest NGO of the State.</p>
a	Quantity of MSW generated (TPD)	ULB(Aizawl) : 72.74 TPD District Capitals : 67.08 TPD Total : 139.82 TPD
b	Quantity of MSW collected(TPD)	ULB(Aizawl) : 72.74 TPD District Capitals : 47.68 TPD Total : 120.42 TPD

c		Quantity of MSW segregated and transported (TPD)	ULB(Aizawl) : 72.74 TPD District Capitals : 24.8TPD Total : 97.54 TPD			
d		Quantity of MSW processed (TPD)	ULB(Aizawl) : 69.87 TPD District Capitals : 0.3 TPD Total : 70.17 TPD			
e		Quantity of MSW disposed in secured land fill site (TPD)	ULB(Aizawl) : 2.87 TPD District Capitals : NIL Total : 2.87 TPD			
f		Gap in Solid Waste Management UTs (TPD) [2(a)-2(d)-2(e)]	ULB(Aizawl) : 0 District Capitals : 66.78 TPD (Note : No record of wastes quantity composed in some towns resulting into low quantity of wastes processed and high gap),			
3		Waste collection	Existing	Target	Gap	Timeframe
a		ULBs in which door-to-door collection is implemented (No.)	ULB(Aizawl) :1 (83 Local Councils) (District Capitals:7 100% not yet achieved in 3 districts i.e Lunglei, Mamit, Khawzawl)	ULB(Aizawl) : 1 (83 Local Councils) (District Capitals:10)	ULB(Aizawl) : 0 (District Capitals:3)	Lunglei : 31.12.2024 Mamit : 31-12-22 Khawzawl : 2021-2022 Saitual : 31.3.2024
b		ULBs in which segregation of waste is implemented (No.)	ULB(Aizawl) : 1 (83 Local Councils) (District Capitals:4 i.e Kolasib, Lunglei, Serchhip)	ULB(Aizawl) : 1 (83 Local Councils) (District Capitals:3)	ULB(Aizawl) : 0 (District Capitals:7)	Serchhip : 31.03.2024 Lawngtlai: 31.12.2022 Hnahthial : 3 years Khawzawl : 2024-25 Biate : 2021- 2022 Saitual : 31.3.2025
c		ULBs in which transportation of segregated waste is implemented (No.)	ULB(Aizawl) : 1 (83 Local Councils) (District Capitals:3)	ULB(Aizawl) : 1 (83 Local Councils) (District Capitals:10)	ULB(Aizawl) : 0 (District Capitals:7)	Serchhip : 31.03.2021 Mamit : 31.12.2022 Khawzawl, Biate, Khawhai : 2022 – 2023 Saitual : 31.3.2024
4		Waste Processing				
a		<u>Material Recovery Facilities</u>				
	(i)	Total Capacity (TPD)	ULB(Aizawl):74 (District Capitals: Lunglei : 5 Kolasib : 6)	ULB(Aizawl) : 74 (District Capitals: Lunglei :15 Kolasib : 6)	ULB(Aizawl) : 0 (District Capitals: Lunglei ; 10 Kolasib: 0)	

	(ii)	Number	ULB(Aizawl) :1 (District Capitals:2)	ULB(Aizawl) :1 (District Capitals:10)	ULB(Aizawl) :0 (District Capitals:8)	
	(iii)	Number of ULBs covered	ULB(Aizawl) :1 (District Capitals:2)	ULB(Aizawl) :1 (District Capitals:10)	ULB(Aizawl) :0 (District Capitals:8)	Saitual : 2025
b		<u>Recycling</u>				
	(i)	Total Capacity (TPD)	(Kolasib : -)	(Kolasib : 6)	(Kolasib : 6)	Kolasib : August, 2021
	(ii)	Number	(Kolasib : 0)	(Kolasib : 1)	(Kolasib : 1)	
	(iii)	Number of ULBs covered	(Kolasib : 0 Saitual : 0)	(Kolasib : 1 Saitual : 1)	(Kolasib : 1 Saitual : 1_)	Saitual : 2025
c		<u>Composting</u>				
	(i)	Total Capacity (TPD)	ULB(Aizawl): Mechanical Compost Plant : 50TPD Vermi Compost Plant– 22 TDP Total :72 TPD (District Capitals: Lunglei : 9 TPD Kolasib : 6 TPD Mamit : 2 TPD Lawngtlai:100 kgs Designed capacity for Siaha Champhai Serchhip Hnahthial Khawzawl Biate Khawhai Saitual : 0.5 TPD each (Source : Directorate of UD&PA Department) Hnahthial Operating capacity : 0.013 TPD)	Aizawl: Mechanical Compost Plant : 50TPD Vermi Compost Plant– 22 TDP Total :72 TPD		Saitual : 2025
	(ii)	Number	ULB(Aizawl) :2 (District Capitals:14)	ULB(Aizawl) :2 (District Capitals:-)	ULB(Aizawl) :0 (District Capitals :-)	Saitual : 2025
	(iii)	Number of ULBs covered	ULB(Aizawl) : 1 (District Capitals:9)	ULB(Aizawl) : achieved (District Capitals:10)	ULB(Aizawl) :Nil (District Capitals:1)	Saitual ; 2025

d		<u>Biomethanation</u>				
	(i)	Total Capacity (TPD)	Not applicable			
	(ii)	Number	Nil			
	(iii)	Number of ULBs covered	Not applicable			
e		<u>RDF</u>				
	(i)	Total Capacity (TPD)	<i>(Kolasib : 6 TPD)</i>			
	(ii)	Number	<i>(Kolasib : 1)</i>			
	(iii)	Number of ULBs covered	<i>(Kolasib : 1)</i>			
f		<u>Waste to Energy Plants</u>				
	(i)	Total Capacity (TPD)	Not applicable			
	(ii)	Number	Nil			
	(iii)	Number of ULBs covered	Not applicable			
4		Waste Disposal				
a		<u>Landfill</u>				
	(i)	Total Capacity (TPD)	ULB(Aizawl):44 <i>(District Capitals: Lunglei : 15 Kolasib : 6 Hnahthial : 0 Saitual : 0)</i>	<i>(Hnahthial : 1.6 Saitual : 12)</i>	<i>(Hnahthial : 1.6 Saitual : 12)</i>	Mamit : 31.12.2022 Hnahthial : within 3years Saitual : 31.3.2025
	(ii)	Number	ULB(Aizawl) : 1 <i>(District Capitals:2)</i>			Saitual : 2025
	(iii)	Number of ULBs covered	ULB(Aizawl) : 1 <i>(District Capitals:2)</i>			Saitual : 2025
5		Legacy Waste Management				
a		Number of dumpsites (No.)	Aizawl : 1, closure order given vide AMC letter No.C1805/9/2016-AMC(E) dated 24.12.2020			
b		Quantity of Waste dumped at dumpsites (Tons)	ULB(Aizawl) : 7,20,000 MT			
c		Number of dumpsites cleared (No.)	Aizawl : NIL (Ongoing activity) Lunglei :2 Kolasib :1 Mamit :1 } (Proposed)			

d	Number of dumpsites in which biomining has commenced (No.)	1(Aizawl). An initiative for remediation of the site is underway.
e	Timeframe for clearing all dumpsites	ULB(Aizawl) : 1596.80 sq.m area as per approved DPR in 2014 of legacy waste in old dumping site is already cleared. The remaining 1,20,000 sq.m area beyond the approved area can be cleared after obtaining technical & financial sanction. Serchhip : 31.03.2026 Saitual : 2025
6	Other Information	
a	Information regarding development of model towns/cities/villages	Saitual : 1. Site for Solid Waste Management Centre at Saitual Town has been identified. 2. Concept paper for development of Solid Waste Management Centre at Saitual has been submitted to UD&PA Department for seeking funding source. 3. Site preparation of the site has been done by the UD&PA Department. 4. Identification of suite for SWM Centre at Ngopa Town and Phullen Town in under way.
b	Whether model towns/cities/villages complaint with environmental norms	Lunglei : 1 Siaha : 1 Lawngtlai : 1 Mamit : 2 Hnahthial : 1
c	Creation of Environmental cell	Environmental Monitoring Cell has been constitute on 20 th July, 2020 vide EF&CC letter No.C.18014/37/97-FST/Vol-I
d	Standardization of rates for procurement of services/equipment (to do away with the tendering process) required for solid waste management	Saitual Town Solid Waste Management bye-laws has been framed and notified in 24 th November, 2020 in which rates for procurement of services and penalty for violation of bye-laws are fixed.

Other Reports :

1. Trainings on Waste Management to Waste pickers, collectors and workers :

- Kolasib : conducted.
- Serchhip : conducted 2 times for sanitation workers.
- Hnahthial : conducted.
- Khawzawl : Verbal instruction has been regularly given to waste collectors regarding proper and efficient disposal of waste collection and to observed Covid appropriate behavior .

2. Public awareness through information, education and communication campaign and educate waste generators :

- Champhai : Conducted 2 times by Social work
- Kolasib : Audio jingles on local cable network and on YouTube.
- Serchhip : Cable TV network.
- Mamit : Distribution of pamphlets.
- Hnahthial : a) Competition organized for various age groups, NGOs and village Councils.
b) Social Media is utilized to spread awareness such as creation of videos to promote cleanliness and sanitation.
- Khawzawl : a) Preparation of bookmarks and pamphlets of The Khawzawl District Solid Waste Management Bye Laws, 2020,
b) 7 hoarding placed & posted
c) inter-personal and mid media.
- Saitual : a) Public Awareness has been made through fixed wall paintings, prints and electronic media.
b) On site awareness campaign on wet waste composting in the town.

3. Community involvement in promotion of home composting / Vermi compost:

- Saitual : Composting of wet waste is proposed to be undertaken in the town. Public Awareness has been made for onsite wet waste composting in Saitual. 260 households had practiced source segregation and 241 households had practiced home composting, 73 households in Keifang Venghlun are provided compost pit through MGNREGS.

4. Public Notice and orders :

- Order is issued by the Municipal Commissioner, AMC against illegal dumping of waste vide letter No. M. 14015/2/2019 – AMC (Loose) dated 11.02.2021.
- Segregation order is given by the Municipal Commissioner, AMC to Secretary to the Governor of Mizoram, Raj Bhavan, Aizawl vide letter No.M. 16017/4/2020-AMC dated 11.03.2021 to segregate waste into four bins viz. biodegradable, non-biodegradable, plastic and electronic and hazardous waste.
- Public notice is issued by the Deputy Commissioner, Aizawl District regarding ban of burning of waste and vide letter No. D.12011/215/2016-Dc(A)/4 dated 24.03.2021.
- Saitual :
 - a) Service Level Benchmark and Target for Solid Waste Management upto 2024/25 has been published vide No F. 20019/6/2020-DC(STL)/14 Dt 22nd April,2021.
 - b) Notification on penalty for open defecating and urinary and spitting in public as per Saitual Solid Waste Management Bye-laws has been published vide No B.13012/3/2021/SBM-DUDO(STL) Dt 22nd April, 2021.
 - c) Declaration of SBM ODF+ has been published for Saitual Town on 18th June, 2021.

5. City wise details of Solid Waste Management-reg for a period from January-June 30, 2021 for the State of Mizoram had been submitted to Central pollution Control board on 15th September, 2021.