Meghalaya State Pollution Control Board
Forests & Environment Department, Government of Meghalaya
'ARDEN' Lumpyngngad, Shillong - 793014
Website : http://megspcb.gov.in

No. MPCB/GEN-285/ANNEXED IX B/2025-2026/ 57 **Dated Shillong the 29th July 2025**

To,

The Secretary,
Government of India,
Ministry of Jal Shakti,
Department of Water Resources, River Development & Ganga Rejuvenation,
Shram Shakti Bhawan Rafi Marg,
New Delhi -110001.

Email: ruby.raju@nmcg.nic.in

Sub: **Submission of Monthly Progress Report for ensuring compliance to the Hon'ble NGT matter OA No 673 / 2018 for the month of April to June 2025.**

Sir/Madam,

With reference to the above, please find enclosed herewith the Monthly Progress Report for the month of April to June 2025 for favour of your kind information and necessary action.

Yours faithfully

Enclo: As stated

(Dr. C.H. CHYRMANG, MFS)
MEMBER SECRETARY
MSPCB, SHILLONG

Memo No. MPCB/GEN-285/ANNEXED IX B/2025-2026/ **Dated Shillong the 29th July 2025**

Copy to: -

1. Shri. P. K. Mishra, DH, WQM-I, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi – 110032 for kind information. Email: eepkm.cpcb@nic.in/suniti.cpcb@gov.in
2. The Principal Chief Conservator of Forest (Working Plan, Research & Training) cum Chairman of River Rejuvenation Committee, Meghalaya, Shillong-793001 for favour of information.
3. The Director of Urban Affairs cum Member Convener of the RRC, Meghalaya, Shillong for information.

MEMBER SECRETARY
MSPCB, SHILLONG

NATIONAL MISSION FOR CLEAN GANGA

FORMAT FOR SUBMISSION OF MONTHLY PROGRESS REPORT IN THE NGT MATTER OA NO.673 OF 2018 (IN COMPLIANCE TO NGT ORDER) DATED 24.09.2020 FOR THE MONTH OF APRIL TO JUNE 2025 FOR THE STATE OF MEGHALAYA

OVERALL STATUS OF THE STATE:

I. Total Population: Urban Population & Rural Population : (5,95,450 & 23,71,439)29,64,007

II. Estimated Sewage Generation (MLD) (2025) : 53.30 MLD in Urban

III. **Details of Sewage Treatment Plant**

- Existing no of STPs and Treatment Capacity (MLD) : 19
- Capacity Utilization of existing STPs (MLD) : 6.73 MLD in Urban Areas
- MLD of Sewage being treated through alternate technology : 18.63 (Other forms of treatment of septic tank)
- Gap in treatment Capacity in MLD : 46.57 MLD in urban areas (13.14 MLD - Ongoing Project & 21.5 MLD- propose for treatment under SBM 2.0, Urban)
- No of operational STPs : 19
- No of complying STPs : 19
- No of non-complying STPs : -

DETAILS OF EACH EXISTING STP IN THE STATE

SN	Location	Existing STP Capacity MLD	Capacity being utilized MLD	Operational Status of STP	Compliance status of STP
1.	Residential colony of Meghalaya Cements Ltd., Thangskai, East Jaintia Hills District	0.1	0.06	Operational	Complying
2.	Residential colony of Star Cements Ltd., Lumshnong, East Jaintia Hills District	0.4	0.239	Operational	Complying
3.	North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, Mawdiangdiang	1	1	Operational	Complying
4.	Residential colony of M/S Lafarge Umiam Mining Pvt. Ltd., Nongtrai	0.12	0.03	Operational	Complying
5.	Residential School –JNV, Mawphlang	0.1	0.02	Operational	Complying
6.	Polo Market, Shillong	0.05	0.05	Operational	Complying
7.	Green valley industries Ltd, Nongsning, EJH	0.03	0.03	Operational	Complying
8.	Dalmia Cement (Bharat) Ltd, Thangskai, EJH	0.05	0.04	Operational	Complying
9.	Septage Treatment plant, Shillong	0.115	0.06	Operational	Complying
10.	FSTP Marten, Shillong	0.115	0.115	Operational	Complying

11.	FSTP Doldegre, Tura.	0.05	0.05	Operational	Complying
12.	FSTP Resubelpara Municipal Board.	0.03	0.03	Operational	Complying
13.	FSTP Baghmara Municipal Board	0.015	0.015	Operational	Complying
14.	STP Police Bazaar Shillong, Marriot	0.25	0.25	Operational	Complying
15.	STP Polo Municipal Market, Shillong	0.075	0.075	Operational	Complying
16.	Parking Lot Anjalee, Shillong	0.06	0.06	Operational	Complying
17.	Shillong Municipal Board, FSTP	0.35	0.35	Operational	Complying
18.	Jowai Municipal Board	0.055	0.055	Operational	Complying
19.	Williamnagar Municipal Board	0.03	0.03	Operational	Complying

Summary of Current Status of Liquid Waste Management in Meghalaya

Sl. No.	Particular	Present Status	
1	Sewage Generation (in MLD)	53.30	
2	Existing Treatment Facilities capable of treating the sewage presently (in MLD)	6.73	
3	Details of Treatment of Sewage		
	a. By STPs (in MLD)	0.53	
	b. Type of STPs (in MLD)	SBR/MBBR	
	c. FSTP (in MLD)	0.65	
	d. Nallah In - situ Remediation (in MLD)	1.92	
	e. ETP (in MLD)	3.64	
	f. Final Destination	Recycled/ discharged in drain storm	
4	Details of disposal of untreated Sewage (in MLD)		
	a. Final destination of Discharge of untreated sewage (in MLD)	19.08	Black Water to Septic tank with Soak pit.
		27.48	Grey Water (drains/streams/ rivers.
5	Gap in liquid waste management	46.57	

LIQUID WASTE MANAGEMENT (LWM) FACILITIES ALREADY CONSTRUCTED AND LWM FACILITIES UNDER CONSTRUCTION IN SHILLONG & JOWAI TOWNS

Shillong					
SN	**Location**	**No of in-situ nullah Treatment Plants**	**% of construction**	**Remarks**	**March 2025 Updated Status**
1.	Pomdngiem Drain (also referred as Wah Thangsniang Drain)	1	100% completed	Trial run has been completed	1.27 MLD of grey water is being treated by operational of the Nallah In-situ Remediation
2.	Oakland Drain	1	100% completed	Trial run has been completed	
3.	Lawmali Drain	1	100% completed.	Water Treatment infra ready for installation and will be installed soon after the monsoon	
4.	Wahingdoh – Raimohan Drain	1	100% completed	Water Treatment infra ready for installation and will be installed	

				soon after the monsoon	
5.	Polo Drain	1	100% completed.	Water Treatment infra ready for installation and will be installed soon after the monsoon	

Jowai

SN	Location	No of in-situ nullah Treatment Plants	Status	Remarks
1.	SyntuKsiar (near Myntwa Stream)	1	100% Completed	So far, treatment of 0.65 MLD of grey water is being initiated by Nullah In-situ Remediation Plants installed in Jowai.
2.	Panaliar	1	100% Completed	
3.	Caroline Colony	1	100% Completed	
4.	Ladthadlaboh west	1	100% Completed	
5.	Khimusniang	1	100% Completed	
6.	Umshangiar	1	100% Completed	
7.	Iawmusniang	1	100% Completed	
8.	Mynthong1	1	100% Completed	
9.	Mynthong2	1	100% Completed	
10.	PanaliarMutong	1	100% Completed	
11.	Liar Kdongtreriat Panaliar	1	100% Completed	

STATUS OF LIQUID WASTE MANAGEMENT PROJECTS UNDER CONSIDERATION

SN	Particulars	Approved no.	Approved Capacity /numbers	Remarks
1.	Desludging Vehicles	8	8 Nos	➢ Cesspools tankers were purchased by. • Williamnagar Municipal Board. • Resubelpara Municipal Board. ➢ Tura Municipal has placed an order for procuring a cesspool. ➢ Tendering process is in progress for other ULBs.
2.	STPs	8	21.5 MLD	1. ULBs has identified land for setting up of STPs. 2. Feasibility study to be conducted.
3.	I & D (Interception & Diversion Drains)	8	23 KMs	
4.	Rampyrthai, Jowai	1	540 KLD	1. DPR is under examination.

DETAILS OF UNDER CONSTRUCTION FSSMS/FSTPS IN THE STATE

SN	Name of ULBs	No of Treatment Plants	Capacity	Status Present Status	Remarks
1.	Shillong Municipal Board	1	0.35 MLD	95%	Civil Works completed and awaiting power connection
2.	Jowai Municipal Board	1	50KLD	95%	Civil Work Completed awaiting power connection
3.	Williamnagar Municipal Board	1	30 KLD	95%	Civil Work Completed awaiting power connection
4.	Faecal Sludge & Septage management, Khliehriat	1	0.04 MLD	95%	To be made operational.

DETAILS OF UNDER CONSTRUCTION STPS IN THE STATE

SN	Location	No of Treatment Plants	Capacity	Present Status	Remarks
1.	Municipal filling point, Kenches Trace	1	3.17 MLD	99%	Trial run of the onsite STPs have been conducted. However, since they were earlier envisaged to treat the outfalls which is mixed with storm, springs and stream water, it was found out that the operation of the plants becomes practically challenging as constant pumping of the outfall water has to be carried out. Therefore, a re-engineering of the system is necessary and have been undertaken to facilitate treatment of waste water exclusively. Diversion drains are being constructed to channelize the black and grey water only to the constructed STPs and the revised timeline for operationalizing these STPs is October 2025.
2.	Junction of Wahingdoh and Umkhrah	1	7.12 MLD	99%	
3.	Junction of Wahdasoi and Umkhrah	1	0.85 MLD	99%	
4.	By the site of Wahpomdngiem behind SMB Complex at Bishop Cotton Road	1	2.00 MLD	99%	
5.	Junction of Wah Thangsniang and Umkhrah	1	0.28 MLD		Yet to start because of land ownership issues

1	**DETAILS OF INDUSTRIAL POLLUTION**		
•	No. of industries in the State	:	**1559**
•	No. of water polluting industries in the state	:	260
•	Quantity of effluent generated from the industries in MLD	:	**3.5**
•	Quantity of hazardous sludge generated from the industries in TPD	:	**1.3105**
•	No. of industrial units having ETPs	:	**255**
•	No of Industrial units connected to CETPs	:	**Nil**
•	Compliance status of the ETPs	:	**Complying**
•	No and total capacity of CETPs (details of existing/under construction /proposed)	:	**Nil**

Town	No of Industries	Industrial discharge (MLD)	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Shillong	221	1.9	Complying	-
Byrnihat	30	0.69	Complying	-

Nongstoin and Mairang	8	0.13	Complying	-
Ladrymbai & Khliehriat	12	0.02	Complying	-
Jowai	28	0.95	Complying	-
Khliehriat, Myndihati & Lumshnong	11	0.15	Complying	-
Tura	24	0.30	Complying	
Umiam	15	0.1	Complying	-

STATUS OF ULB WISE MANAGEMENT OF SOLID WASTE

2 SOLID WASTE MANAGEMENT

- Total number of Urban Local Bodies and their Population: 10 Nos, (7,25,247)
- Current Municipal Solid Waste Generation: 314.5 TPD
- Current Waste Process 173.7 TPD (Composting: 104.5 TPD, RDF: 7 TPD, Others: 62.2 TPD)
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing e.g. Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio methanation, MRF etc.: Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap> 20%):
- No. And capacity of C & D waste processing plants in TPD (Existing, proposed and under construction): **None**
- Total no. Of wards, having door to door collection service, No. of wards practicing segregation at source:
- **97 wards have door to door collection service; 75 wards practicing segregation at source.**
- Details of MSW treatment facilities proposed and under construction (no. Capacity, and technology):

3 SOLID WASTE MANAGEMENT IN MEGHALAYA

With reference to the physical progress in the Solid Waste Management sector, the State has increased its collection, transportation, and processing of solid waste, in terms of volume, thereby reducing the gap correspondingly.

1. SUMMARY OF CURRENT STATUS OF SOLID WASTE MANAGEMENT IN MEGHALAYA

Sl. No.	Particular	Present Status	
a	Quantity of MSW Generated (TPD)	314.5	
b	Quantity of MSW processed (TPD)	173.7	55%
	Final Destination of generated waste		
	1. Compost	104.5	33%
	2. RDF	7	2%
	3. Scraps (by the informal sector registered with the ULBs)	59.2	19%
	4. Incineration	3	1%
c	Quantity of Inert disposed in Secured Landfill Site *	34	11%
d	Gap in Solid waste management UTs (TPD) d = (a - b - c)	106.8	34%

The current status includes 7 Municipal Boards, 3 Town Committees and Shillong Urban Agglomeration to indicate the comprehensive solid waste management scenario in the State. Further, treatment and disposal of solid waste in Shillong Urban Agglomeration areas in also undertaken by the Shillong Municipal Board.

2. LEGACY WASTE MANAGEMENT

With reference to the physical progress in the Legacy Waste Management, Landfill Remediation a total of 160292.00 Metric Tons has been remediated for Shillong and Tura. Legacy waste remediation for other Urban Towns of Meghalaya Preliminary activities is being initiated.

STATUS OF SOLID WASTE MANAGEMENT CURRENTLY UNDERTAKEN

Name of ULBs	Component	Status
A. SWACHH BHARAT MISSION (SBM) 2.0, URBAN		
Shillong Municipal Board	25 TPD Material Recovery Facility	15% of civil work completed
Tura Municipal Board	10.5 TPD Material Recovery Facility	7 TPD 90% of civil work completed in two locations.
		3.5 TPD 20% of civil work completed.
Jowai Municipal Board	6 TPD Decentralized Composting Units	1. 3 TPD - Operational.
		2. 3 TPD – Civil work completed, training initiated
	4 TPD, Material Recovery Facility	Civil work is completed
Williamnagar Municipal Board	5.5 TPD Compost Plant	Work Completed, Training initiated
	3.5 TPD, Material Recovery Facility	Work Completed, Training initiated
Resubelpara Municipal Board	4.5 TPD Compost Plant	Tendering process completed
	3 TPD, Material Recovery Facility	30% of civil work is completed
Baghmara Municipal Board	3 TPD Compost Plant	Land identification in progress
	2 TPD, Material Recovery Facility	Land identification in progress
Shillong Cantonment Board	2 TPD, Material Recovery Facility	Land identification in progress
Nongstoin Town Committee	7 TPD Compost Plant	Land identification in progress
	4.5 TPD, Material Recovery Facility	Land identification in progress
Mairang Town Committee	3.5 TPD Compost Plant	Recently Approved
	2 TPD, Material Recovery Facility	Recently Approved
Nongpoh Town Committee	3 TPD Compost Plant	Land identification in progress
	2 TPD, Material Recovery Facility	Land identification in progress
Sub Total A	**91 TPD**	
B: OTHER SOURCE OF FUNDING		
Tura Municipal Board	10 TPD Refused Derived Fuel (RDF) plants	Work in progress
	10 TPD Decentralized Composting Units	Project initiated
Sub Total B	**20 TPD**	

No. And area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills:

Current status of setting up Sanitary Landfills sites in various ULBs in Meghalaya

Towns	District	Location	Area (Acre)	Progress (Present Status)
Shillong	East Khasi Hills	Nonghali	112	Environment Clearance is in progress
Tura	West Garo Hills	Wakkagre	21.02	Environmental Clearance is being initiated
Williamnagar	East Garo Hills	Rongakgre	37	Environmental Clearance is being initiated

Resulbelpara	North Garo Hills	ElachiApal	14	The Task Force Committee is conducting further feasibility study of the identified land.
Baghmara	South Garo Hills	Arapara	15	Proposal for land has been received The Task Force Committee is conducting further feasibility study of the identified land.
Jowai	West Jaintia Hills	-	-	Land has been identified at Umlamat Elaka Jowai. Environmental Clearance is being initiated.

4 Bio-medical Waste Management:

- Total Bio-medical generation: **2840.66 Kg/day**
- No. of Hospitals and Health Care Facilities: **1066**
- Status of Treatment Facility/CBMWTF:

a) Common Bio-Medical waste treatment is completed and is in operation.

b) The Urban Affairs has procured three Bio-medical Wastes vehicles solely for transport of Bio-medical Wastes

5 Hazardous Waste Management:

- Total Hazardous Waste generation:498.4434 KL/annum
- No. of Industries generating Hazardous waste: The following 19 (Nineteen) units are authorised under the hazardous & other waste (Management & Transboundary Movement) Rules, 2016. waste

1. M/s Star Cement Ltd., Lumshnong, EJH District
2. M/s Star Cement Meghalaya Ltd., Lumshnong, EJH District
3. M/s Megha Technical Engineers Pvt. Ltd., Lumshnong, EJH District
4. M/s Dalmia Bharat (Cement) Ltd, Thangskai, EJH District
5. M/s Meghalaya Cements Ltd., Thangskai, EJH District
6. M/s Amrit Cements Ltd., Umlaper, EJH District
7. M/s Green Valliey Industries Ltd., Nongsning, East Jaintia Hills District
8. M/s Goldstone Cement Ltd., Musiang Lamare (Old), East Jaintia Hills District
9. M/s Hills Cement Company Ltd., Mynkre , East Jaintia Hills District
10. M/s CMJ Breweries Pvt. Ltd., Extended EPIP, Byrnihat, Ri-Bhoi District
11. M/s Shyam Century Ltd., EPIP, Byrnihat, Ri-Bhoi District
12. M/s Maithan Alloys Ltd., EPIP, Byrnihat, Ri-Bhoi District
13. M/s NTL Steels, EPIP, Byrnihat, Ri-Bhoi District **(Galvanising Unit)**
14. M/s Nezone Pipes & Structures, Extended EPIP, Byrihat, Ri-Bhoi District **(Galvanising Unit)**
15. M/s Godrej Consumers (P) Ltd., 15th Mile, Byrnihat, Ri-Bhoi District
16. M/s Pioneer Carbide (P) Ltd., Upper Baliyan, Umtru Road, Byrnihat, Ri-Bhoi District
17. M/s Lafarge Umiam (P) Ltd, Nongtrai, East Khasi Hills District
18. M/s Meghalaya Power Ltd., Lumshnong, East Jaintia Hills District (8MW)
19. M/s Meghalaya Power Ltd., Lumshnong, East Jaintia Hills District (43 MW)

- Treatment Capacity of all TSDF's: **Not available**
- Avg. Quantity of Hazardous waste reaching the TSDF's and Treated: **Nil**
- Details of on-going or proposed TSDF: **Types of hazardous wastes generated are recyclable & Landfillable. All the recyclable hazardous waste generated are either sold to the registered CPCB recyclers or reuse by the Industrial units as lubricants or as fuel particularly by Cement plants. It may be informed that out of these, there are 2 Galvanising Units producing landfillable hazardous wastes in the state of Meghalaya. Since there is no common Hazardous waste Treatment & Disposal facilities in the entire North East Region, these units have established**

their own in-house disposal facility for such wastes provided with a proper covered cemented floor and liner on top to prevent contamination of soil and underground water.

6 **Plastic Waste Management:**

- Total Plastic Waste generation: 2223.6 TPA
- Treatment/Measures adopted for reduction or management of plastic waste:

a) The plastic wastes are collected as municipal waste. The plastic waste was segregated from the dry waste at the dumpsite and collected for compaction and bailing and send to Cement Plants for co-processing to be used as Fuel.

b) Used for roadmaking in some parts of Tura, and Nongstoin.

c) Recyclable plastic sends for recycling to Assam by Tura Municipal Board.

Details of Alternate Treatment Technology being adopted by the State/UT:

Identification of polluting sources including drains contributing to river pollution and action as per NGT order onIn-Situ treatment:

7 Details of Nodal Officer appointed by Chief Secretary in the State/UT: **The Government has constituted a Monitoring Committee under the chairmanship of the Principal Secretary to the Govt. of Meghalaya; Forests& Environment Department vide no.ENV.4/2018/426; Dated Shillong the 19th June 2020.**

8 Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:

9 Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river: **Enclosed as II A to Annexure IX B**

10 Ground water regulation: **For Domestic purpose –District Level Committee Ground Water Resource (Deputy commissioner of respective District as Chairman and official of Water resources as Member Secretary) looks after it and grant NOC For Commercial purpose - State Level Committee Ground Water Resource (Commissioner & Secretary, Water Resources as Chairman and Regional Director, CGWB, NER, as Member Convener) looks after it and grant NOC.**

11 Good irrigation practices being adopted by the State: Traditional Bamboo Drip Irrigation

12 Rain Water Harvesting:(a) Rain water harvesting implemented for Schools and government buildings. (b) Incorporated as one of the conditions while giving permission for any house construction

13 Demarcation of Floodplain and removal of illegal encroachments:

a) **Network design including the proposed additional installation submitted. Field Survey report of Umkhrah, Nonbah, Umtrew and Myntdu have been submitted and various inputs for catchment models have also been prepared. 80% of the work have been completed.**

b) **Setting up of HO stations was completed. Hydro-meteorogical data from the installed instruments have been collected and compiled for the month of July**

c) **The rain gauges and staff gauges have been installed in all the four study river basins and data collection was initiated from 1st May 2022.**

d) **Flood models of Umkhrah, Nonbah, Umtrew and Myntdu have been simulated for 2,5,10,25,50, and 100 years return period floods and team is reviewing the results.**

e) **Calibration of flood models for different flood events have been started. Method to estimate areal rainfall from observed point rainfall is being analysed.**

f) **Major work of Draft Feasibility Study Report is completed in July 2022.**

g) **Flood inundation scenarios with and without considering the flood protection at various locations in Umkhrah,Nonbah, Umtrew and Myntdu have been generated.**

h) **Draft report on Flood Plain Zoning and Flood Mitigation Measures has been submitted and is under review by the Department**

14 Maintaining minimum e-flow of river: Perennial rivers

15 **Plantation activities along the rivers:** Creation of Temporary nursery and preliminary works completed for the catchment area of Nonbahriver.1800 sapplings planted in the catchment of Umkhrah covering an area of 3.5 km. 500 sapplings planted in the catchment of Umtrew covering an area of 0.5 Ha.

16 Reuse of Treated Water: **Stand-alone ETPs are operational in 260number of hotels/guesthouse/health care centers /Industries and treated wastewater are reuse for gardening/cleaning purpose.**

a) Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:

17 Status of Preparation of Action Plan by the 13 Coastal States: Not applicable to the State of Meghalaya

18 Regulation of Mining Activities in the State/UT: Mining activities in the State is being regulated under the following acts and rules

a) Mines and Minerals (Development and Regulation) Act 1957 and its subsequent amendments

b) EIA notification ,2006 and its subsequent amendments

c) Meghalaya Minor mineral Concession Rules 2016 and its subsequent amendments

d) EP Acts,1986

e) The Air (Prevention and Control of Pollution) Act,1981 and the Water (Prevention and Control of Pollution) Act,1974

19 Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring:

a) Units which failed to comply to the consent conditions have been issued directions, show cause notice and closure notices

b) Units which have been operating without consent from the Pollution Control Board have been issued closure notices under relevant Acts and Rules

c) Filing of Complaints to the District Courts

ANNEXURE

WATER QUALITY DATA OF POLLUTED RIVER STRETCHES – APRIL 2025

Stations→ Parameters↓	Umshyrpi		Umkhrah				Umtrew at Byrnihat	Nonbah at Nongstoin	Myntdu at Jowai	Lunar River (Tributary of Lukha River) at Myndihati	Kyrhuhkhla River
	Near Law College	Umshyrpi Bridge	Demthring	Umkaliar	Near Slaughter House	Mawpdang					
pH	6.8	7.1	7.0	7.3	7.1	7.2	7.2	6.9	6.9	2.8	3.1
Dissolved Oxygen(mg/l)	Nil	3.9	Nil	4.5	Nil	Nil	6.9	6.6	6.7	6.6	5.7
Bio-chemical Oxygen Demand (mg/l)	56.0	20.0	36.0	9.8	53.0	48.0	5.3	2.9	2.7	2.3	2.6
Faecal Coliform (MPN/100ml)	63000	7900	22000	4600	58000	54000	4300	2100	1200	<1.8	<1.8
Total Coliform (MPN/100ml)	280000	43000	94000	21000	240000	230000	11000	4900	4700	<1.8	<1.8
Faecal Streptococci (MPN/100m	24000	3300	4900	2400	21000	17000	1300	490	480	<1.8	<1.8

WATER QUALITY DATA OF POLLUTED RIVER STRETCHES –MAY, 2025

Stations→ Parameters↓	Umshyrpi		Umkhrah				Umtrew at Byrnihat	Nonbah at Nongstoin	Myntdu at Jowai	Lunar River (Tributary of Lukha River) at Myndihati	Kyrhuhkhla River
	Near Law College	Umshyrpi Bridge	Demthring	Umkaliar	Near Slaughter House	Mawpdang					
pH	7.0	6.8	7.0	7.0	6.7	6.9	7.0	6.8	7.2	2.7	3.3
Dissolved Oxygen(mg/l)	2.8	4.9	3.9	5.1	2.8	3.2	7.3	6.9	7.0	6.8	6.5
Bio-chemical Oxygen Demand (mg/l)	27.0	13.0	26.0	7.3	24.0	23.0	4.2	2.6	2.4	2.0	2.3
Faecal Coliform (MPN/100ml)	38000	5400	17000	4100	33000	31000	3900	1700	1100	<1.8	<1.8
Total Coliform (MPN/100ml)	120000	35000	70000	17000	110000	84000	9400	4600	4400	<1.8	<1.8
Faecal Streptococci (MPN/100m	7000	2100	3100	1700	7900	6300	1100	480	430	<1.8	<1.8

WATER QUALITY DATA OF POLLUTED RIVER STRETCHES –JUNE 2025

Stations→ Parameters↓	Umshyrpi		Umkhrah				Umtrew at Byrnihat	Nonbah at Nongstoin	Myntdu at Jowai	Lunar River (Tributary of Lukha River) at Myndihati	Kyrhuhkhla River
	Near Law College	Umshyrpi Bridge	Demthring	Umkaliar	Near Slaughter House	Mawpdang					
pH	6.9	7.1	7.0	7.1	7.1	7.1	6.9	7.0	7.1	3.0	3.4
Dissolved Oxygen(mg/l)	4.6	6.6	6.0	6.8	5.4	5.8	7.4	7.2	7.4	7.1	6.9
Bio-chemical Oxygen Demand (mg/l)	19.0	8.6	11.0	4.0	15.0	13.0	3.9	2.3	2.0	1.7	2.0
Faecal Coliform (MPN/100ml)	27000	3100	12000	2100	23000	21000	3300	1100	790	<1.8	<1.8
Total Coliform (MPN/100ml)	94000	14000	45000	10000	84000	70000	7900	3300	2400	<1.8	<1.8
Faecal Streptococci (MPN/100m	4900	1100	2200	1200	5800	4900	790	270	210	<1.8	<1.8