

**Water Quality Data of 3 (THREE) Polluted River
stretches in Mizoram
(OA - No. 673 of 2018)**

**AUGUST
2023**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF AUGUST 2023

Sl. No.	Station Code	Name of Station	Location	Co-Ordinates			A. STATIONS DETAILS													
							Sampling Date	Sampling Time	Used Based Class	Major Polluting Sources	Visibility Effluent Discharge	Use of water in Down Stream (irrigation, industrial, domestic, drinking water source, organised water source, cultivation, fishing, bathing ghat, others)	Weather	Depth of Water Body (m)	Human activities (Bathing, Washing, Cultivation, Fishing, Boating, Gardening, Tourist spot, cattle wedding, others)	Floating matter	Colour	Odour	Flow (m/s)	
				Longitude	Latitude	Elevation	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92.770386	24.437574	680m	21-08-2023	11:20	E	Municipal Sewage	Municipal Sewage	Cultivation, Others	Cloudy	0.2	Others	No	Light Brown	Odour Free	0.3	
2	3721	Lawibual Stream	Lawibual village Aizawl District, Mizoram	92.748333	23.716306	860m	08-08-2023	12:30	D	Municipal Sewage	None	Gardening	Raining	0.4	Others	Yes	Brown	Odour Free	0.5	
3	4115	Tuikual Stream	(U/S) Near New Secretariat Complex, Dinthar, Aizawl	92.707341	23.725482	812m	28-08-2023	09:54	D	Municipal Sewage	Municipal Sewage	Others	Cloudy	0.3	Others	No	Light Brown	Odour Free	0.3	

**WATER QUALITY DATA OF POLLUTED RIVER STRETCHES
FOR THE MONTH OF AUGUST, 2023**

Sl.No	Station Code	B. CORE PARAMETERS										C. GENERAL PARAMETERS													D. METAL												
		Water Temp (°C)	D.O (mg/L)	pH	Conductivity (µs/cm)	B.O.D (mg/L)	Nitrogen Nitrate (mg/L)	Nitrogen Nitrite (N-No ₂) (mg/L)	Faecal Coliform MPN	Total Coliform MPN	Turbidity NTU	Total Alkalinity (mg/L)	Chlorides (mg/L)	Total Nitrogen (mg/L)	Ammonia-N (mg/L)	Total Hardness (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	TDS (mg/L)	TSS (mg/L)	Total Phosphate (mg/L)	Boron (mg/L)	K (mg/L)	Arsenic (Total) (mg/L)	Cadmium (mg/L)	Copper(mg/L)	Lead(mg/L)	Chromium (Total) (mg/L)	Nickel(mg/L)	Zinc(mg/L)	Mercury (mg/L)	Iron (Total) (mg/L)	Aluminium (mg/L)	Cobalt(mg/L)	Manganese (mg/L)	
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
1	3718	24	3.1	7.6	490	1.2	1.12	1.014	15	2400	57	92	50.2		0.224	170	57.6	6.2	16			0.073	1.177	4	0.00578	BDL	0.0238	0.1388		0.0896	0.0368	0.00006	BDL		BDL	BDL	
2	3721	19	6.9	7.4	486	6.3	0.8	0.576	23	2400	85	59	26.5		0.978	72	12	10	3	359	33	0.07	1.569	3	0.00655	BDL	0.0262	0.1531		0.0998	0.0564	0.00017	1.3417		BDL	0.316	
3	4115	25	4.1	6.9	487	4.1	0.79	0.831	95	2400	12	101	44.5		0.874	160	53.6	6.2	26	302	146	0.158	1.022	8.5	0.00515	BDL	0.0251	0.1415		0.0781	0.0173	0.00032	0.2318		BDL	0.0979	