

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

**JULY
2023**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF JULY 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	03-07-2023	12:50	E	Municipal Sewage	Municipal Sewage	Cultivation	Clear	0.2	Cultivation	Yes	Clear	Odour Free	0.4	
2	3721	Lawibual Stream	Lawibual village Aizawl District, Mizoram	92.748333	23.716306	860m	18-07-2023	11:30	D	Municipal Sewage	Municipal Sewage	Cultivation	Clear	0.1	Cultivation	Yes	Light Brown	Odour Free	0.4	
3	4115	Tuikual Stream	(U/S) Near New Secretariat Complex, Dinthar, Aizawl	92.707341	23.725482	812m	17-07-2023	11:30	E	Municipal Solid Waste	Municipal Sewage	Others	Cloudy	0.2	Others	Yes	Light Brown	Unpleasant	0.3	

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

Sl.No	Station Code	Name and location of Stations	B. CORE PARAMETERS									C. GENERAL PARAMETERS												
			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)	K(mg/L)	TDS (mg/L)	TSS (mg/L)	Total Phosphate (mg/L)
			14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1	3718	CHITE STREAM, Armed Veng, Near Mini Sports Complex, Aizawl	24	3.7	7.3	805	3.7	2.842	0.073	9	2400	5	195	78.6		11.42	142	52	2.9	24.5	9	420	110	1.12
2	3721	LAWIBUAL STREAM, I.T.I Veng, Aizawl	22	5.7	8	855	4.7	4.19	0.175	7.3	2400	12	130	92.9		0.264	148	54.4	2.9	25	7.5	461	190	0.186
3	4115	TUIKUAL STREAM, U/S, Mizoram New Capital Complex, Dintnar, Aizawl	24	3.1	7.5	734	25.5	2.306	0.87	44	2400	117	207	78.6		5.92	144	52.8	2.9	23	9.5	413	129	0.134