

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

**FEBRUARY
2023**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF FEBRUARY 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)
							1	2	3	4	5	6	7	8	9	10	11	12	13
				Longitude	Latitude	Elevation													
1	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92.770386	24.437574	680m	07-02-2023	01:45		Domestic		Washing, Cultivation	Clear		Irrigation, Cultivation	Algae	Light Brown	Odourless	0.2
2	3721	Lawibual Stream	Lawibual village Aizawl District, Mizoram	92.748333	23.716306	860m	06-02-2023	11:30		Domestic		Cultivation	Clear	0.1	Cultivation	Algae	Brown	Odourless	0.5
3	4115	Tuikual Stream	(US) Near New Secretariat Complex, Dinthar, Aizawl	92.707341	23.725482	812m	13-02-2023	11:30		Domestic		Cultivation	Clear	0.2	Cultivation		Brown	Pungent	0.3

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

Sl.No	Station Code	B. CORE PARAMETERS								C. GENERAL PARAMETERS											
		Water Temp (°C)	D.O (mg/L)	pH	Conductivity µs/cm	B.O.D (mg/L)	Nitrogen Nitrite (N-No ₂) (mg/L)	Faecal Coliform MPN	Total Coliform MPN	Turbidity NTU	Total Alkalinity (mg/L)	Chlorides (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
1	3718	20	3.2	8	730	3	0.026	3.6	2400	9.5	298.1	130.9	0.346	168	60.8	3.8	22		489	150	0.556
2	3721	22	4.2	7.9	710	3.9	0.087	3	2400	9.5	292.6	130.9	2.052	178	66.4	2.9	17.5		469	40	0.622
3	4115	20	0.3	6.9	897	29.1	0.104	7.2	2400	66	416.7	110.6	2.052	146	55.2	1.9	17.5				0.288