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

APRIL
2023

MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF APRIL 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	11-04-2023	11:15		Domestic		Others	Clear	0.2	Cultivation, Irrigation		Pale Yellow	Odourless	0.5
2	3721	Lawibual Stream	Lawibual village Aizawl District, Mizoram	92.748333	23.716306	860m	10-04-2023	11:15		Domestic		Cultivation	Clear	0.1	Cultivation		Pale Yellow	Odourless	0.4
3	4115	Tuikual Stream	(U/S) Near New Secretariat Complex, Dinthar, Aizawl	92.707341	23.725482	812m	24-04-2023	11:50		Domestic		Others	Cloudy	0.2	Domestic	Yes	Pale Yellow	Odourless	0.3

WATER QUALITY DATA OF POLLUTED RIVER STRETCHES
FOR THE MONTH OF APRIL, 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 ($N\text{-}No_2$) (mg/L)	Faecal Coliform MPN	Total Coliform MPN	Turbidity NTU	Total Alkalinity (mg/L)	Chlorides (mg/L)	Ammonia-N (mg/L)	Total Nitrogen (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
1	3718	23	5.4	8.2	914	17.3	0.926	1100	2400	14	235.2	110.6	0.578		192	73.6	1.9	32		498	19	0.178
2	3721	24	6	7.7	790	14.3	0.719	39	2400	7.2	217.8	117	0.372	4.67	206	75.2	4.3	30.5		472	20	0.056
3	4115	21	2.1	7.4	719	16.9	0.755	20	2400	54	197.8	88.3	2.269		164	60.8	2.9	28.5		351	16	0.172