

**Water Quality Data of 9 (NINE) Polluted River
stretches in Mizoram
(OA - No. 673 of 2018)**

**APRIL
2021**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF APRIL, 2021

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	3756	Tiau River	Near Boundary Tiau Bridge, Zokhawthar Village, Champhai District, Mizoram	93°23'31.0"E	23°21'42.8"N	720m	12-04-2021	10.20		Domestic			Clear	0.2	Washing		Pale yellow	Odour free	3.8
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	19-04-2021	12.20		Agriculture			Clear	1.5	Sand collection		Pale yellow	Odour free	0.4
	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausem Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m	13-04-2021	2.40		Agriculture		Working, Bathing, Kitchen	Clear	0.3	Fishing		Clear	Odour free	0.1
	3736	Tlawng River, Palthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	14-04-2021	11.30		Agriculture		Drinking Water Source	Clear	3.2			Clear	Odour free	0.2
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	11-04-2021	12.30		Agriculture			Clear	1.4	Fishing		Pale yellow	Odour free	0.3
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	12-04-2021	11.30		Agriculture		Drinking Water Source	Clear	1.04			Clear	Odour free	1.3
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	17-04-2021	3.45		Agriculture			Clear	0.5	Washing & Bathing		Clear	Odour free	0.5
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	05-04-2021	12.20		Domestic			Clear	0.3			Clear	Odour free	0.5
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	13-04-2021	12.30		Agriculture		Working, Domestic	Clear	1.2	antation, gardening, Stone extraction		Clear	Odour free	0.5
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	20-04-2021	10.00		Agriculture		Drinking Water Source	Clear	0.3			Clear	Odour free	0.4
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	12-04-2021	12.00		Domestic			Clear	0.5			Clear	Odour free	0.5
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	06-04-2021	12.00		Agriculture			Clear	2	Fishing		Pale yellow	Odour free	0.5
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	06-04-2021	12.30		Agriculture			Clear	0.3	Fishing		Pale yellow	Odour free	0.5

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF APRIL, 2021**

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	3756	22	4.8	6.8	287	0.48	1.055			12.4	144	15.2	0.6	98	25.6	8.2			190	30	0.044
2	3709	29	6.9	7.6	262	1.7	0.122	150	2400	42.8	108.9	12	0.65	80	24	4.8			140	80	0.09
	3734	19	7.4	7.2	95	1	0.016			3.8	44.7	5.6	0.483	42	8	5.3			70	20	0.055
	3736	20	7	7.2	121	1.9	0.013			2.3	60.3	4.8	0.543	46	9.6	5.3			70	10	0.056
	3754	27	8.3	7.4	242	1.7	0.008			12.3	124.5	8	0.581	78	20	6.7			140	70	0.065
3	3757	21	4.78	7.4	132	0.48	0.869			4.3	66.1	6.4	0.505	48	8	2.9			280	20	0.042
4	3720	20	12.4	7.1	209	0.9	0.013			2.8	112.8	4.8	0.274	78	24	4.3					0.055
5	3718	20	7.2	7	812	5.9	0.865	23	2400	5.6	276.3	84.8	5.111	192	69.6	4.3			810	250	0.316
6	3735	20	7	8.1	81	1.2	0.015			3.3	46.7	4.8	0.566	32	4	5.3			70	20	0.052
7	3740	22	7.3	7.8	84	2.2	0.014			3.2	42.8	6.4	0.274	32	4	5.3					0.045
8	3712	24	6.4	7.8	108	0.8	0.035	44	1100	3.8	122.6	30.4	0.737	104	32	5.8			190	10	0.103
9	2052	24	5.1	7.9	275	0.9	0.053	1100	2400	38	112.8	16	1.064	90	30.4	3.4			600	290	0.104
	2053	24	5.6	8	274	1.05	0.055	1100	2400	34.1	120.6	16.8	1.106	82	28	2.9			440	360	0.123