

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

**SEPTEMBER  
2019**



**MIZORAM STATE POLLUTION CONTROL BOARD**

**DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF SEPTEMBER, 2019**

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	04-09-2019	11.00		Domestic			Clear	1.6	Washing		Clear	Odour free	1.6
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	23-09-2019	2.02		Agriculture			Clear	1.2	Sand collection		Dark Brown	Odour free	0.5
	3734	Tlawng River, Upper Stream, Lunglei	Near Tlawng Bridge, Mausen Village, Lunglei District, Mizoram	92°49'15.0"E	22°51'21.2"N	1080m	21-09-2019	2.20		Agriculture	Washing, Bathing, Kitchen, gardening	Domestic purpose	Clear	2	Washing, Domestic Purpose		Pale Yellow	Odour free	1.9
	3736	Tlawng River, Pialhleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distret, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	21-09-2019	3.50		Agriculture		Drinking Water Source	Clear	3.6	Dwelling, vehicular Movement		Clear	Odour free	0.3
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	17-09-2019	2.30		Agriculture			Clear	1.5	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	04-09-2019	11.30		Agriculture		Drinking Water Source	Clear	1.82			Clear	Odour free	1.81
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	19-09-2019	10.25		Agriculture		Washing, Bathing	Clear	1.5	Washing & Bathing		Pale Yellow	Odour free	1.5
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	17-09-2019	12.26		Domestic			Cloudy	0.9			Clear	Odour free	0.4
6	3735	Mat River	Near Mat Bridge, Dawn Village, Lunglei District, Mizoram	92°52'19.7"E	22°53'58.4"N	380m	21-09-2019	9.45		Agriculture		Washing, Domestic purpose	Clear	2.4	Plantation, gardening, vehicular Movement		Pale Yellow	Odour free	2
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	04-09-2019	12.00		Agriculture		Drinking Water Source	Clear	0.8			Clear	Odour free	1
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	23-09-2019	12.30		Domestic			Clear	1.2			Pale Yellow	Odour free	0.7
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	24-09-2019	11.40		Agriculture			Clear	1.3	Fishing		Pale yellow	Odour free	0.6
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	24-09-2019	11.55		Agriculture			Clear	1.1	Fishing		Pale yellow	Odour free	0.5

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES  
FOR THE MONTH OF SEPTEMBER, 2019**

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 <sub>2</sub> ) (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)	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
1	3756	21	6.3	7.4		1.6	0			0.6	22.1	13	0.319	34	8	3.4				0.044
2	3709	29	6.2	7.63		1.4	0.306	0	2400	51.7	49.6	17.4	4.317	46	10.4	4.8				0.572
	3734	27	7.2	6.83		1.4	0.026			1.5	18.4	7.8	0.464	20	5.6	1.4				0.089
	3736	25	6.9	7.35		1.3	0.031			0.4	20.2	17.4	0.365	30	8	2.4				0.1
	3754	20	3.6	7.79		1	0			3.5	49.6	6.1	0.471	30	8	2.4				0
3	3757	18	6.1	8.8		1.2	0.018			0.1	38.6	5.1	0.475	48	11.2	4.8				0.007
4	3720	22	8.6	7.6		1.8	0			4.9	46	7	0.897	42	10.4	3.8				0.199
5	3718	27	3.9	7.79		0.6	0.066	0	1100	0.3	211.4	60	0.684	124	36.8	7.7				0.001
6	3735	25	7.3	7.16		1.3	0.034			1.9	27.6	17.4	0.555	16	4	1.4				0.125
7	3740	24	5	7.8			0.005			0.2	36.8	7	0.163	28	7.2	2.4	10			0.017
8	3712	24	7.1	7.36		1.9	0.03	0	1100	19.9	73.5	21.7	0.315	62	16	5.3				0.093
9	2052	24	4.9	7.82		1.1	0.29	0	53	12	22.1	7	0.372	30	8	2.4				0
	2053	25	5.3	7.57		1.2	0.281	0	2400	13	18.4	6.1	0.494	26	5.6	2.9				0.013