

ANNEXURE - I

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

**AUGUST
2021**



MIZORAM STATE POLLUTION CONTROL BOARD

DETAILS OF POLLUTED LOCATIONS & RESULTS OF FIELD PARAMETERS FOR THE MONTH OF AUGUST, 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)
				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	12-08-2021	10.20		Domestic			Clear	0.2	Washing		Pale Yellow	Odourless	3.85
2	3709	Tlawng River, Sairang	Sairang Village, Aizawl District, Mizoram	92°39'10"E	23°48'49"N	80m	11-08-2021	12.30		Agriculture			Clear	2			Pale Yellow	Odourless	0.4
	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	23-08-2021	1.00		Agriculture		Washing, Bathing	Clear	1	Washjng, Domestic Purpose		Pale yellow	Odourless	0.3
	3736	Tlawng River, Pialthleng, Zotlang, Lunglei	Near P.H.E Water Treatment Plant, Zotlang, Lunglei Distirct, Mizoram	92°45'45.7"E	22°56'53.5"N	800m	23-08-2021	2.00		Agriculture		Drinking Water Source	Clear	3.2	Fishing		Clear	Odourless	0.2
	3754	Tlawng River, Downstream, Bairabi	Bairabi Village, Kolasib District, Mizoram	92°32'14.3"E	24°10'44.7"N	40m	10-08-2021	22.00		Agriculture			Clear	2	Fishing		Clear	Odourless	1
3	3757	Tuipui River	Near P.H.E Treatment Plant, Champhai District, Mizoram	93°16'27"E	23°30'18.8"N	800m	12-08-2021	11.30		Agriculture		Drinking Water Source	Clear	2.2			Clear	Odourless	0.4
4	3720	Tuivawl River	Near Tuivawl Bridge, Seling Village, Aizawl District, Mizoram	93°2'6"E	23°38'31"N	500m	07-08-2021	10.45		Agriculture			Clear	0.5	Washing & Bathing		Dark Brown	Odourless	1.3
5	3718	Chite River	Near Mini Sports Complex, Armed Veng, Aizawl, Mizoram	92°44'17.5"E	23°43'59.2"N	680m	09-08-2021	2.10		Domestic			Clear	0.3			Pale yellow	Odourless	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	23-08-2021	11.00		Agriculture		Washing, Domestic Purpose	Clear	1.5	Plantation, Gardening		Pale yellow	Odourless	0.7
7	3740	Saikah stream	Saikah Village, Lawngtlai, Mizoram	92°53'40.1"E	22°27'21.3"N	800m	7-58-2021	3.00		Domestic		Drinking Water Source	Clear	0.3	Wasing		Clear	Odourless	0.3
8	3712	Tuikual Stream	Near PHE Water Treatment Plant, Reiek Kai, Aizawl District, Mizoram	92°39'46"E	23°42'57"N	270m	17-08-2021	12.38		Domestic			Clear	0.9			Pale yellow	Odourless	0.8
9	2052	Tuirial U/s, Aizawl	Tuirial Village, upstream of Tuirial Bridge	92°47'58.25"E	23°43'8.99"N	187m	09-08-2021	12.05		Agriculture			Clear	2	Fishing		Pale Yellow	Odourless	0.5
	2053	Tuirial L/s Aizawl	Tuirial Village, downstream of Tuirial Bridge	92°47'57.92"E	23°43'5.22"N	185m	09-08-2021	12.30		Agriculture			Clear	0.9	Fishing		Pale Yellow	Odourless	0.5

**WATER QUALITY DATA OF 9(NINE) POLLUTED RIVER STRETCHES
FOR THE MONTH OF AUGUST, 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	20	5.4	7.2	236	0.3	0.765	93	1100	14	51.5	9.8	0.806	60	15.2	5.3					0.072
2	3709	28	7.9	7.1	165	1.1	0.044	150	1100	16.3	37.9	6.4	0.331	22	1.6	4.3			90	70	0.082
	3734	26	7.8	6.7	142	1.3	0.017	43	1100	27.4	27.1	4.8	0.342	12	0.8	2.4					0.072
	3736	25	7.5	6.7	133	1.4	0.018	12	460	3.5	19.9	5.6	0.323	12	1.6	1.9					0.066
	3754	25	5.1	7.1	223	0.7	0.078	75	1100	8.4	53.3	8	1.003	48	10.4	5.3					0.069
3	3757	22	5.2	7.5	215	0.3	0.701	14	460	6.3	42.3	16.9	0.665	40	8.8	4.3					0.066
4	3720	21	7.9	7.6	284	1	0.03	3	210	26.9	3.8	8.8	0.262	40	8	4.8			100	20	0.1
5	3718	26	5.8	5.9	420	2.7	0.734	9.1	1100	30	81.2	42.4	1.22	60	16	4.8			200	40	0.303
6	3735	26	7.4	6.7	141	1.3	0.039	0	120	29.4	23.5	5.6	0.585	20	4	2.4					0.118
7	3740	24	5.7	6.9	81	1.9	0.024	0	95	5.2	18.1	8.9	3.834	12	0.8	2.4			70	10	0.1
8	3712	21	6.7	7.6	384	1.3	0.066	23	460	82.5	36.1	8	0.977	44	8	5.8			170	50	0.268
9	2052	25	6.2	7.2	127	1.2	0.041	120	1100	30	48.7	6.4	0.714	22	2.4	3.8			80	70	0.151
	2053	26	6.1	7.7	138	0.95	0.046	160	1100	32.2	48.7	6.4	0.802	20	2.4	3.4			80	80	0.165